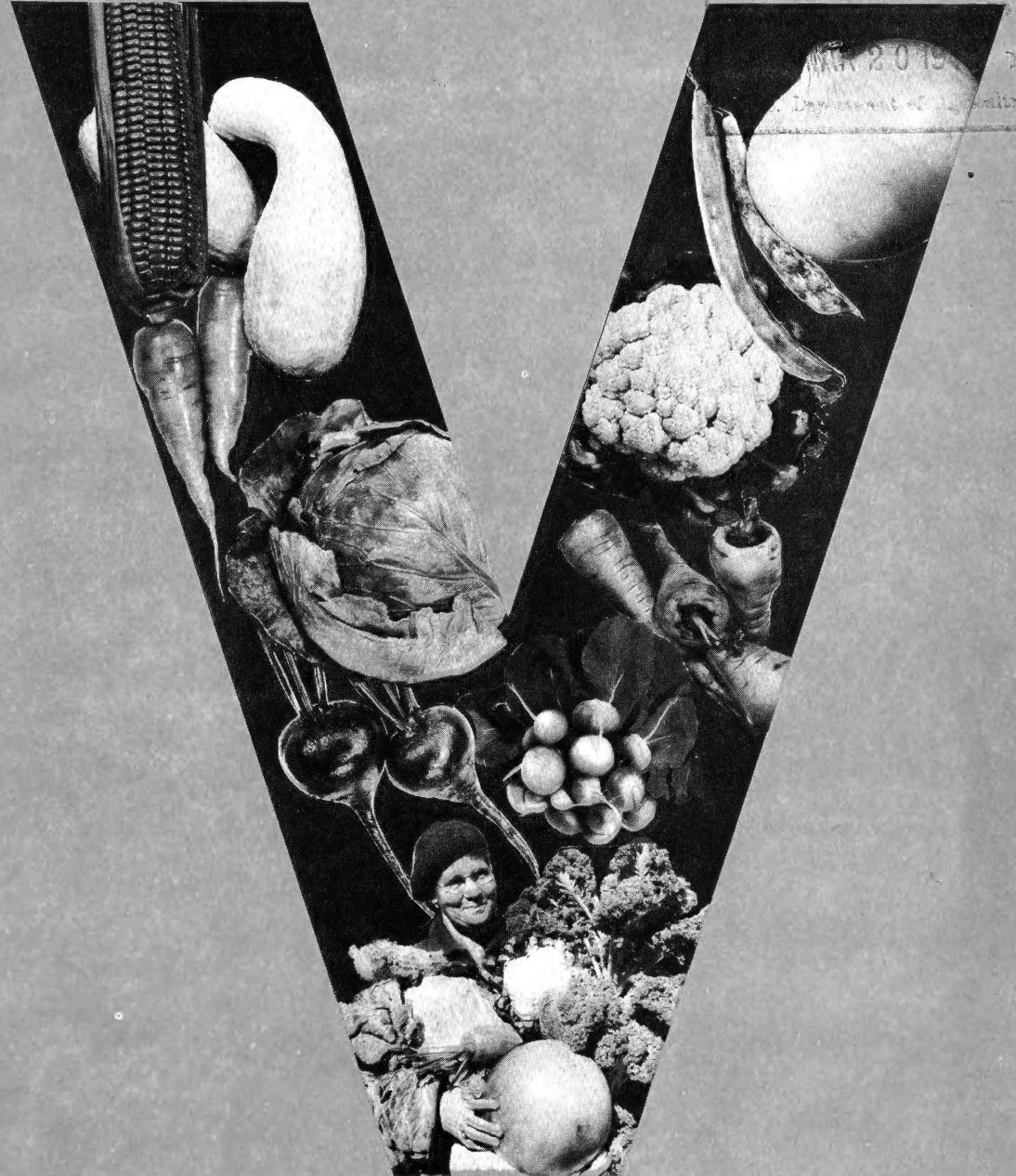


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

Butzer's Seeds

900 S. W. 2ND AVENUE, PORTLAND, OREGON



PLANT A **Butzer** VICTORY GARDEN IN 1943

SUGGESTIONS FOR ORDERING

ORDER EARLY—We endeavor to ship all orders within 24 hours after we receive them, but during the rush season from February to April delays are sometimes unavoidable. If patrons can anticipate their wants and order early it will be to our mutual benefit.

REMITTANCES—Should be made by post office money order, express money order, or bank draft, for a sufficient amount to cover the entire order and postage, if any. Do not send currency. Should it be lost there is no recourse. Stamps of three cent denomination will be accepted for small amounts.

PARCEL POST—Unless otherwise stated, we pay postage on all seeds and bulbs quoted in this catalogue in the first and second zones. On orders in larger quantity at "not prepaid" prices stated in the catalogue you pay the postage, express or freight. In such cases it will be necessary for you to send postage extra if you want it by parcel post, but if it is to be sent

by freight or express you can pay the transportation charges at your freight or express office when you receive the goods. If you do not know the zone you are in from Portland your postmaster or R.F.D. carrier can tell you. Parcel Post rates apply on weights up to 70 pounds in all zones. Parcel Post rates are usually cheaper than express, with the added advantage of having the parcel delivered to your door.

RETURNING MONEY—If we cannot fill your order for any item we will at once return the money sent for same. We will not keep your money without adequate returns to you, or substitute something you do not want.

CORRESPONDENCE—We try to give prompt attention to all proper letters of inquiry, etc., but ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets.

OUR TERMS ARE STRICTLY CASH WITH THE ORDER

We do not send C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense and the prices being given, we can conceive of no necessity to warrant goods being so sent.

NAME AND ADDRESS SHOULD ALWAYS BE GIVEN

Frequently we receive unsigned letters. Sometimes they contain money and orders. Sometimes, too, letters are received in which the name of the town is left out and the postmark is blurred. We cannot fill orders unless we know the name and address of the buyer. The easiest way for you is to use our order sheet, filling in the blanks.

GUARANTEE

Seeds of the best quality are apt to fail through improper treatment by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to the temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions, are apt to decay, and for all these reasons it is impractical to guarantee seeds. We give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants sent out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

BUTZER'S SEED STORE.

BUTZER'S VICTORY GARDEN COLLECTION

The amateur gardener, not familiar with the different kinds, will find this collection of standard varieties a simple solution of the problem of selection. No changes will be made in the assortment.

1 Pkt. Beet—Detroit Dark Red	1 Pkt. Parsnip—Guernsey
1 Pkt. Beans—Burpee's Stringless (Bush)	1 Pkt. Radish—Crimson Giant
1 Pkt. Carrot—Chantenay Coreless	1 Pkt. Radish—Icicle
1 Pkt. Cucumber—Long Green	1 Pkt. Spinach—King of Denmark
1 Pkt. Lettuce—New York (Head)	1 Pkt. Swiss Chard—Lucullus
1 Pkt. Onion—Oregon Yellow Danver	1 Pkt. Squash—Summer Crookneck
1 Pkt. Peas—Blue Bantam (Bush)	1 Pkt. Turnip—Purple Top Wh. Globe

A \$1.40 VALUE for \$1.00, Postpaid 1st and 2nd zones
(No discount on collections)

BUTZER'S SELECT GLADIOLUS COLLECTIONS

These are unusually fine collections of the newer varieties, not obtainable individually. All are large blooming size bulbs in a most complete range of colors. The latest sensations for 1943.

COLLECTION No. 1—\$2.00

Contains 6 of Each Variety

Blue Triumphator—Large pale blue
Dr. Nelson Shook—Ruffled tyrian rose
Golden Chimes—Large light yellow
Irene—Deep pink with cream throat
Mammoth White—Huge pure white
Wurtembergia—Scarlet with cream throat

COLLECTION No. 2—\$2.50

Contains 6 of Each Variety

Harvest Moon—Tall deep yellow
Johann S. Bach—Large salmon red
Red Glory—Tall American Beauty shade
Miss New Zealand—Huge salmon apricot
Milford—Large porcelain blue
Vagabond Prince—Large rich mahogany brown

Prices postpaid in 1st and 2nd zones)
(No discount on collections)



How to make a BEAUTIFUL LAWN

one section of it lengthwise the tract and the second crosswise, immediately after sowing the seed, roll it again to firm the soil around the seed in order that the seed may obtain sufficient moisture to germinate.

LAWN SEED

BUTZER'S FANCY LAWN GRASS SEED—A mixture of several varieties of grasses ordinarily makes the best lawn. The use of our special mixture is strongly recommended. Only the fine leaved and long lived grasses are used, which will produce a beautiful, velvety carpet that will last for years. Just enough white clover is used to make a quick showing and act as a nurse crop for the grasses while they are becoming established, or this mixture may be had without the clover. **1 lb. 65c; 5 lbs. \$3.00; postpaid.**

BUTZER'S SHADY LAWN GRASS SEED—In many lawns there are places which seem as if nothing can be grown; some are shaded by large trees and others by buildings. For these locations we have offered for some time this special mixture, which readily meets the desired requirement. **Per lb. 75c, postpaid.**

SEASIDE CREEPING BENT GRASS (*Agrostis Stolonifera*)—Distinctive on account of its compact, creeping, rooting stems. Of rapid growth and spreading habit, forming a strong, durable turf. Good for lawns and golf courses because of its fine texture. If sown alone, use 50 lbs. to the acre. **1 lb. \$1.10, postpaid.**

ASTORIA CREEPING BENT—The conditions under which this strain of bent grass seed is grown and produced renders it more favorable to our particular climate than many other varieties. **1 lb. \$1.10, postpaid.**

CHEWING FESCUE—A low-growing grass, fine leaved, forms a close turf that prevents ingress of weeds, permanent in all kinds of soils, even the lightest and driest; unexcelled for lawns and golf courses. **1 lb. \$1.00, postpaid.**

BUTZER'S KENTUCKY BLUE GRASS—We sell a very superior grade, which makes an excellent lawn of a dark green color, forming a fine mat. **Per lb. 60c, postpaid.**

HIGHEST QUALITY FARM SEEDS

The following Farm and Field Seeds have all been carefully selected for purity, vigor, high yield, and adaptability to conditions in this part of the country. They conform in all respects with the various State Seed Laws.

Alfalfa, Dry Land

Alfalfa, Grimm

Clover, Alsike

Clover, Crimson

Clover, Medium Red

Clover, Ladino White

Crested Wheat Grass

Oat Grass, Tall Meadow

Oats, Victory

Oats, Gray Winter

Orchard Grass

Pasture Mixture for Burned-over Land

Rape, Dwarf Essex

Red Top

Reed Canary Grass

Rye Grass, Oregon

Rye Grass, Common

Timothy

Vetch, Common or Gray

Vetch, Hungarian

Write for Prices and State Quantity Desired

Planting Time—Lawns are started more easily in the Fall during the month of September, as the grass germinates best and grows fastest while the weather is cool and moist. Spring planting, however, will make good lawns, and may be advisable in very cold sections where Fall planting is subjected to winter kill.

Preparing the Soil—Any good garden soil will grow a good lawn. It is vitally necessary that the soil be prepared to a depth of at least 8 inches and permitted to lay for several weeks in order that most of the weed seeds in the soil will germinate and be destroyed by surface cultivation. On extremely heavy or sticky soils, apply coarse sand as well as ground peat to loosen it up and provide for better drainage. Roll the area several times with a lawn roller, fill the depressions and work out the air pockets to establish a uniformly firm and level seed bed.

Seeding—For best results, use 1 pound to every 200 square feet. Thickly seeded lawns give little opportunity for the development of weeds. Scattering the seed evenly is done by dividing the seed into two equal parts and seeding

ASPARAGUS

Culture—(Seed): Sow in Spring in rows 2 feet apart, covering 1 inch deep, cultivate and fertilize well. When a year old, transplant to permanent bed. (**From Roots**): Dig trenches about 18 inches deep and 3 feet apart, using plenty of good manure. Set roots 18 inches apart, spreading them well. Cover to a depth of about 2 inches, adding more soil until the trenches are filled by the end of the season. First cutting should be made the following season.

Pedigreed Washington—The standard variety for home and market. Pkt. 10c; 1 oz. 20c. Roots—2-year-old, by mail postpaid—50, \$1.35; 100, \$2.25.

POLE BEANS

All Beans Postpaid

Culture—Pole beans should be planted later than bush beans. Poles 8 to 9 feet long should be set firmly in the ground, 4 x 3 feet apart. Plant 5 to 8 beans around each pole, later thinning to 4 vines. Cover seed 1½ to 2 inches deep. 1 pound of seed will plant 75 to 100 hills; 30 pounds per acre.

Butzer's Supreme—65 days. A new variety outstanding in quality and flavor. Perfectly stringless at all stages and excellent for canning. The green pods are 7 inches long, straight and round. Black seeded. Why not give them a trial this year? Pkt. 15c; ½ lb. 25c; lb. 45c.

Oregon Giant—If you have not grown this bean, by all means do so this season. It is a quick grower, quite early and produces the most wonderful long, plum, meaty pods that are tender, brittle and of deliciously mild flavor when cooked. The mammoth 10 to 12-inch pods when picked in their prime are entirely stringless. The quality is superb. The pale green pods are lightly penciled with carmine which disappears when cooked. Pkt. 15c; ½ lb. 30c; lb. 50c.

Kentucky Wonder—65 days. The most widely planted pole variety. Green pods, fleshy, saddle-backed, 7 to 10 inches long and stringless when young. Kept picked, they bear all season. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.35.

Kentucky Wonder White Seeded—64 days. A heavy yielding fine quality bean used for home garden, shipping and canning. Pods are dark green, round, 6½ to 7 inches long, tender and stringless without fibres. Good for dry shell or snap beans. Pkt. 10c; ½ lb. 20c; lb. 35c.

White Creaseback or Blue Lake—65 days. A popular early green podded bean for snap-shorts; of rapid growth and very productive. Pods 5 to 6 inches long and entirely stringless. Pkt. 10c; ½ lb. 20c; lb. 35c.

Kentucky Wonder Wax—65 days. Excellent for northern planting. Similar to "Kentucky Wonder Green Pod", in habit and as early. Pods are golden yellow, fleshy; make delicious eating. Pkt. 10c; ½ lb. 20c; lb. 35c.

Horticultural, Cranberry or Wren's Egg—70 days. For use as a snap and green shell bean. Pods are 6 inches long, oval, stringless, splashed with red and very fleshy. Pkt. 10c; ½ lb. 20c; lb. 35c.

Navy—Heavily productive, small oval white beans. Best known commercial variety. Pkt. 10c; ½ lb. 20c; lb. 30c.

China Yard Long—Brown seed. Curious variety with pods often growing nearly a yard long. Pod and beans are crisp, tender and with a delicious asparagus flavor. Pkt. 10c.

BUSH BEANS

Culture—May be planted any time from May 1st to August 1st. Sow 1 pound per 100-foot row, or 60 pounds per acre in rows 3 feet apart. Cover from 1 to 2 inches deep. A succession of plantings every two weeks will provide a constant supply of fresh beans until frost.

Burpee's Stringless—52 days. The best green podded bush beans for the Northwest, should be in every garden. Pods are round, very fleshy, stringless, without fibre and of excellent quality, about 6 inches long. Pkt. 10c; ½ lb. 20c; lb. 35c; 5 lbs. \$1.35.

Early Stringless Refugee—An improved stringless strain. Very hardy and extremely productive. Pods round and straight, tender, brittle, and of finest quality. Medium early. Pkt. 10c; ½ lb. 20c; lb. 35c.

Brittle Wax—52 days. Pods are round and long, often 6 inches in length, and a rich golden yellow; stringless and tender. When ripe, makes good shell beans. Excellent for market and canning. Pkt. 10c; ½ lb. 20c; lb. 35c.

Pencil Pod Black Wax—52 days. Bushy vines, very prolific, bearing round, thick, stringless rich yellow pods, 6 to 7 inches long, of excellent quality, containing black seed. Pkt. 10c; ½ lb. 20c; lb. 35c.

Dwarf Horticultural—61 days. Used as a snap or shell bean. Desirable for both home and market. Pods green at early or snap stage, turning greenish yellow, later splashed with carmine at maturity. Pkt. 10c; ½ lb. 20c; lb. 35c.

Broad Windsor or Fava—Generally used as a shell bean. These should be planted preferably in November, although they can also be planted in early spring with good success, covering seed 3 inches deep in rows 24 inches apart. Pkt. 10c; ½ lb. 20c; lb. 30c.

LIMA BEANS

Culture—Limas should be planted a little later than the ordinary running bean. Always plant with the eye down. They may be sown in hills, or in rows, thinned to 8 or 10 inches apart. The Bush Lima is earlier than the tall variety.

Fordhook Bush—75 days. The highest quality bush variety. Its large pods contain 4 to 5 large, thick, beautiful green beans. For home and market. Pkt. 10c; ½ lb. 20c; lb. 35c.

Henderson's Bush—65 days. An early and prolific bearer of small beans. Thrives in ordinary soil and is an excellent variety for home gardeners. Crop reliable, very productive. Pkt. 10c; ½ lb. 20c; lb. 35c.

Burpee's Improved Bush—68 days. Produces a vigorous and productive plant, bearing large plump beans more oval than flat. Pkt. 10c; ½ lb. 20c; lb. 35c.

Oregon Pole—88 days. Adapted to our cool Northwest climate. A strong, vigorous grower bearing large plump beans continuously until frost. Pods are at their best when turning yellow. Pkt. 10c; ½ lb. 20c; lb. 35c.

King of the Garden—88 days. A vigorous and heavily productive pole lima. Pods are flat, 6 to 7 inches long, each with 4 to 5 large, smooth, green-tinted to creamy white, semi-circular beans. Pkt. 10c; ½ lb. 20c; lb. 35c.

Scarlet Runner—Are of strong quick growth, bearing large sprays of bright scarlet pea-like flowers. When fully ripened, the dry beans are of bright scarlet, heavily blotched with purple. Pkt. 10c.

GARDEN BEETS

Culture—1 ounce seed to 75-foot row. Sow seed in rows 12 to 18 inches apart, covering the seed to a depth of 1 inch. Thin from 2 to 4 inches apart. For spring crop, plant during February and March and for fall crop plant in August and September. A sandy loam is preferable, however, beets will succeed in most soils if properly fertilized and cultivated.

Detroit Dark Red

—Splendid for market or home gardens and popular with canneries. Roots nearly round, very uniform and of medium size; flesh tender and blood red. We carry an extra select strain.

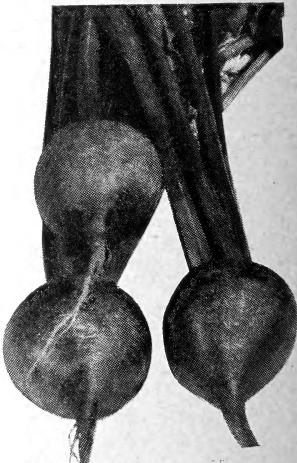
Pkt. 10c; oz. 35c; ¼ lb. 85c.

Extra Early Egyptian—An extra early producer with small tap roots of rather flattened shape; dark blood red flesh of finest quality. Pkt. 10c; oz. 30c; ¼ lb. 75c.

Early Wonder—

A variety so uniform in growth that the crop can be harvested practically at one time. Flesh is similar to that of Crosby's Egyptian. Pkt. 10c; oz. 25c; lb. 70c.

Crosby's Egyptian—One of the earliest, with flat dark red roots. Flesh purplish red with lighter zones. Pkt. 10c; oz. 30c; ¼ lb. 75c.



Detroit Dark Red

SWISS CHARD or SPINACH BEETS

Lucullus—55 days. Leaves grow to a height of about 24 inches, are large, upright. Mid rib or center stem is fine and light green and may be trimmed and cooked as asparagus. Leaf part is cooked like spinach. Pkt. 10c; oz. 25c.

CARROTS

Culture—Prefers a deep mellow soil. Sow seed in April for early, or in July for fall crop. Sow seed one-half inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. Make successive plantings so as to assure a constant supply all summer. Seed may be sown from early spring to as late as August first. 1 ounce will plant a 100-foot row.

Coreless Chantenay

—(The Sweetest Carrot known).

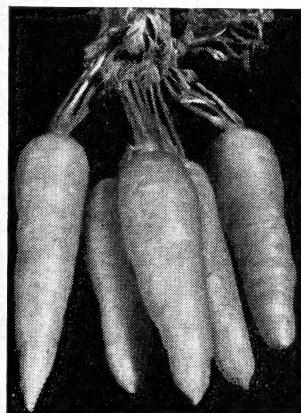
A carrot without a core is a rare treat.

Owing to the fine texture of the orange red flesh, and its tender, delicate flavor, it is called the Sweetest of All Carrots. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.35.

Chantenay

A popular favorite for its rich orange-red color, its fine grain flakes, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round blunt base. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.35.

Coreless Chantenay



Butzer's Selected Half-Long Danvers—It is more easily harvested than the longer type, and is excellent to sow for winter, for stock or table use. Dark orange color with very little core. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.35.

Tendersweet (New)—Sweet, tender, and brittle. The roots are 8 to 10 inches long tapering from the shoulder to the blunt end; of rich orange-red color; uniform in shape and size, with indistinct core. For market and home gardens. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.35.

Guarande, or Ox Heart—Short, flesh bright orange, fine grained and sweet. Adapted for heavy soils. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.35.

Improved Nantes (Coreless)—A fine quality half-long carrot, almost cylindrical in shape, blunt end and very small root. Flesh fine grained, with very little core. The skin is a beautiful orange color and very smooth. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.35.

STOCK CARROTS

Improved Short White Mastodon—Nutritious for stock feeding. Very productive, easily harvested, 8 inches in length, 3 inches at shoulder, and very smooth. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Large Yellow Belgian—Similar to White Belgian except for color, which is pale yellow with green shoulder. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Large White Belgian—One of the best field carrots grown exclusively for stock. Roots 10 inches long, 2 to 3 inches at shoulder. Very productive and easily harvested. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

CELERIAC or TURNIP ROOTED CELERY

Smooth Prague—A large celery flavored root used extensively for flavoring soups, etc. Pkt. 10c.

CORN SALAD

Vetticost, or Lamb's Lettuce—A delicious salad. Seed may be sown in the fall or early spring, in rows 9 to 12 inches apart. Fit for use in from 6 to 8 weeks. Pkt. 10c.

POP CORN

Black Beauty—Extra early variety. Pops very large, exceptionally white and most tender of all. Ears six inches long, 12-rowed with black kernels. Pkt. 10c.

White Rice—Very prolific white variety. Ears are 5 to 7 inches long. Kernels long, pointed and somewhat resembling rice. A late variety yielding heavy and considered best for parching. Pkt. 10c.

SWEET CORN

(Write for prices in quantity)

Golden Bantam—80 days. The earliest and sweetest yellow-grained sugar corn. Deliciously tender and sweet. Ears 6 inches long with 8 rows of broad grains. Excellent for canning, home and market use. Pkt. 10c; $\frac{1}{2}$ lb. 15c; lb. 30c; 5 lbs. \$1.25.

Golden Cross Bantam—88 days. Excellent for market gardeners. Very prolific, stalks sturdy, with exceptionally broad, dark green leaves. Ears 10 to 14-rowed, slightly lighter yellow than Golden Bantam. Pkt. 15c; $\frac{1}{2}$ lb. 30c; lb. 45c.

Stowell's Evergreen—105 days. If planted at the same time as earlier varieties and at intervals of 2 weeks until July 1, it will keep the table supplied until November. It is hardy and productive, white kernels, very tender and sugary, remaining a long time in a fresh condition. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.35.

Early Portland Market—An early, large eared sweet corn and very productive. Its large well-filled ears together with its plump, sweet grains of pure white, make it a most profitable home or market variety. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.35.

Butzer's Hybrid—88 days. Outstanding in yield and quality. Deep golden yellow, sweet, tender kernels and very large ears are the characteristics of this special hybrid. Remains fresh longer after picking, has light silk, tight husk and abundant streamers. Recommended for home and market. Pkt. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c.

FIELD CORN

(Write for prices in quantity)

Minnesota "13" Yellow Dent—An early maturing yellow dent. Stalks are medium size and ears 9 to 11 inches long. Per lb. 20c.

Oregon Grown Yellow Dent—Acclimated. A grand success in Oregon. We have been raising this variety for years, and by selecting the earliest ripening and best select ears, now have a very superb strain. Lb. 20c.

Improved Leaming—100 days. A very popular and extremely productive variety. Stalks grow tall, producing 2 good ears to each stalk. Ears are long, with small red cob, well filled with grains of medium size, of a rich golden color. Does well even in dry seasons. Lb. 20c.

Genuine Eureka Ensilage—Outstanding as the heaviest producer of silage material. Genuine Eureka is a smooth white dent corn with short kernels, and will germinate nearly 100 per cent. It is of such a vigorous growth that severe changes of weather conditions do not affect the yield seriously after the corn has become rooted. Per lb. 25c; 5 lbs. \$1.20, postpaid; 10 lbs. \$1.75; 25 lbs. and over 12 $\frac{1}{2}$ c per lb., F.O.B. Portland. Order early.

CUCUMBERS

Culture—Cucumbers grow best in a rich, warm sandy loam. Sow seed when danger of frost is past, in hills 4 or 5 feet each way. Sow thickly half an inch deep, and thin out to 3 or 4 plants to the hill.

Arlington White Spine—Uniform size, averaging 7 to 8 inches in length, straight, comparatively few seeds, crisp and of a rich, dark green color. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Davis Perfect—A strong, vigorous growth, producing heavy crops of uniform, long, dark green cucumbers. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Fordhook Famous—The longest White Spine, the finest flavored of all. Always straight and well formed, they never turn yellow. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Fordhook Pickling—Most prolific variety for producing pickles of medium size, for both home use and market. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

London Long Green—An old time popular garden favorite. Produces dark green fruits from 10 to 12 inches long. Excellent quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

West India Gherkin—A very prolific small-fruited variety, used exclusively for pickling. The fruits are 2 inches in length, thick, rounded form, closely covered with spines. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Lemon Cucumber—Resembles a lemon both in form and color, having a distinctive flavor superior to and not found in any other variety. Never bitter. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

China-Long—A new long green cucumber from China. Makes perfectly straight fruit, thickest in middle, averaging 20 inches in length. Crop Failure.

Fordhook Giant—Larger, darker green and more crinkled leaves than Lucullus. Stalks white. Outstanding for size and quality. Pkt. 10c; oz. 25c.

Rhubarb Chard—A new Swiss Chard that looks like Rhubarb. Stalks bright crimson, leaves dark green. Try this different tasty and delicious new vegetable. Pkt. 15c.

MANGEL WURZELS or STOCK BEETS

Culture—Valuable as stock feed. Plant early in Spring in rows 2½ feet apart. The seeds should be 1 inch apart in the row and covered by 1 inch of soil firmly pressed down. Cultivate frequently. When the plants are 3 inches high, begin to thin until the roots are 10 inches apart.

Danish Sludstrup—Very heavy yielder. Roots long oval, orange colored; flesh white with faint yellow tinge. Oz. 20c; ¼ lb. 50c; lb. \$1.50.

Giant Half Sugar—A favorite among dairymen and hog raisers. Very sweet and nutritious, as it has a larger sugar content. Oz. 20c; ¼ lb. 50c; lb. \$1.35.

Golden Tankard—Heavy cropper; easily harvested. Roots large; thick oval; light gray above, deep orange below ground. Flesh yellow with white zones. Oz. 20c; ¼ lb. 50c; lb. \$1.50.

Mammoth Long Red—Roots very large; long, straight and thick; grow one-third to one-half out of ground. Flesh white tinged with rose. Oz. 20c; ¼ lb. 50c; lb. \$1.50.

BROCCOLI

Same cultural directions as for cabbage will apply. One packet produces about 250 plants; ounce, 3,000; use 4 ounces for an acre.

St. Valentine—Finest of all Broccoli. A sure header of immense size and finest quality remaining in good condition longer than any other varieties. Ready for market in February. Pkt. 10c; oz. \$1.25.

Large White French—A valuable variety with large, white heads, firm and of good flavor. Pkt. 10c.

Calabrese, Italian or Sprouting—90 days. Large heads of bright green, tender sprouts having combined flavor of cauliflower and asparagus. Clusters of sprouts are produced which should be cut when fully developed. Pkt. 10c; ½ oz. 50c.

BRUSSELS SPROUTS

The plants are very hardy and grow from 2 to 3 feet high. The sides of the main stem are covered with 3 or 4 dozen small cabbage heads, maturing in succession. Sow early so as to have well-grown plants by fall, using the same cultural directions as that for cabbage.

Burpee's Danish-Prize—The plants are of strong robust growth, bearing good sized, solid heads the full length of the stock, maturing all about the same time. Pkt. 10c; oz. 75c.

Long Island Improved—The finest strain of "Sprouts" grown. We offer the choicest Long Island grown seed. Pkt. 10c; oz. 75c.

CHINESE CABBAGE

Wong Bok—Produces a beautiful, crisp, blanched tall or long head, resembling a giant Cos Lettuce. As a salad, it rivals the finest lettuce. Pkt. 10c; oz. 50c.

Peking—This is the finest Pe-Tsai in existence today. Whether for medium, early, main crop or late use, it has no equal, and is so finely bred and true to type. Pkt. 10c; oz. 50c.

CABBAGE

Culture—For plants of early kinds, sow seed in January under glass, and put out into flats about 2 inches apart. Transplant to open ground as early in the spring as the soil can be prepared, setting 1½ to 2 feet apart in rows 3 feet between. Cultivate frequently, and during dry weather water copiously. Late cabbage seed should be sown in drills in open ground during April and May, and transplanted in June or July. Fertilize heavily.

Early Jersey Wakefield—Earliness, hardiness, solidity, good size, uniformity, fine quality—these are the characteristics of this very popular variety. Cold resistant. Pkt. 10c; oz. 50c.

Extra Early Express—About 10 days earlier than Early Wakefield; heads small, heart-shaped and very solid. Pkt. 10c; oz. 50c.

Baby Head—Of unusual merit. The beautiful little round heads are "solid as a rock" and weigh from 3 to 6 pounds, just a right size for family use. Pkt. 10c; oz. 50c.

Copenhagen Market—An excellent round head early variety. Plants compact, very uniform and permit close planting. Splendid for home and market; extensively used for shipping. Pkt. 10c; oz. 50c.

Golden Acre—The earliest round head or Copenhagen type but smaller and several days earlier. Plants are small, short stemmed, and compact. Weighs 3 to 4 pounds. Pkt. 10c; oz. 50c.

LATE VARIETIES

Perfection

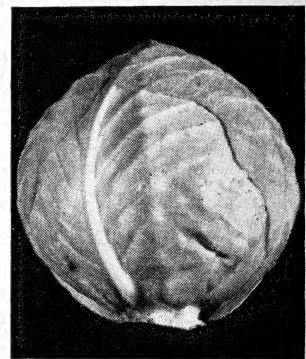
Drumhead Savoy—

Solid, heavily crimped, dark green, curled leaves. The flavor is far superior to other sorts, especially after being touched by frost. In demand as a Winter Cabbage.

Pkt. 10c; oz. 50c.

Danish Stonehead—largest heading red cabbage. Round, very solid and an excellent keeper.

Most desirable for salads. Pkt. 10c; oz. 50c.



Ballhead

Danish Ballhead—A standard shipping variety. Very firm, solid, large flat globe shaped heads weighing 7 to 9 pounds, of good quality and an excellent keeper. Pkt. 10c; oz. 50c.

Danish Roundhead—Splendid for winter market. Heads average larger in size than those of the Ballhead, maturing about 2 weeks earlier. Extremely hard and solid. Pkt. 10c; oz. 50c.

Premium Flat Dutch—An excellent large variety for home or market, also late shipping. Heads large, flat, but deep, firm and of good quality. Pkt. 10c; oz. 50c.

CAULIFLOWER

Culture—In growing good cauliflower, it is essential to rush them on quickly, never permitting them to be checked in growth; in dry weather they should be copiously watered, especially if just planted out. Sow in seed beds, and when large enough, transplant in rows 2 feet apart and 18 inches between plants.

Burpee's Best-Early—The earliest and best quick-growing variety. In good soil, the pure white snowy heads measure 8 to 10 inches across with very close compact curd of extra fine quality. Market variety for both early and late crops. Pkt. 15c; ¼ oz. \$1.75.

Early Snowball—A popular extra early strain of dwarf compact growth. Under favorable conditions nearly every plant will make a fine solid head. Valuable for both early and late. Pkt. 15c; ¼ oz. \$1.75.

Burpee's New "Dry Weather"—Similar to Burpee's Best Early, it produces equally large, solid, pure white heads, and is only about a week later. Especially adapted for growing in dry locations. Pkt. 15c.

CELERY

Culture—Celery is slow to germinate and requires abundant moisture. For fall or main crop, sow seed in open ground as early in the spring as the soil can be worked into good condition. Cover seed with no more than ¼-inch of fine soil. A rich, well-manured soil will produce the best celery.

Utah Green—A popular late fall variety, producing plants of medium size, compact, solid, stalks are broad, thick, and well rounded, stringless and unequalled for flavor. Very meaty but crisp and sweet. Pkt. 10c; oz. \$1.00.

Golden Self-Blanching—The best of all early celery. Dwarf compact habit, with thick, solid heavily ribbed stalks, which easily blanch to a clear waxy yellow. Large solid heart. Pkt. 10c; oz. \$1.00.

CELTUCE

Celtuce combines the uses and flavors of both celery and lettuce. The young plants are used as lettuce or as boiling greens. The matured stalks may be peeled and used like celery. Pkt. 15c.

CHICORY

Witloof or French Endive—The roots are reset, producing in a cold frame delicate leaf growth similar to romaine or cos lettuce. Used for salads. Pkt. 10c.

CRESS

Fine Curled Peppergrass—Quick growing, finely cut and feathery, like a good parsley; growth dwarf and compact; crisp and pungent. Pkt. 10c.

Water Cress—Highly esteemed as a salad during the spring and fall. Seed may be started readily in boxes of very moist earth, and the young plants transplanted to shallow water. Pkt. 10c.

CHIVES—Schnittlauch

A perennial herb, a member of the onion family. The slender, tubular leaves have a delicate onion flavor, just enough to season a green salad when the chopped-up leaves are used. Seed 10c Per Pkt; Plants, 25c per bunch.

DILL

An annual of aromatic odor and warm pungent taste. Possesses medicinal properties but is largest used for making dill pickles. Plant branching, 2 to 3 feet high; leaves very much cut into threadlike segments. Pkt. 10c; oz. 25c.

GARLIC

Garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves," which are planted in the fall 6 to 8 inches apart, and in August the bulbs are ready to gather. Bulbs, lb. 35c. Write for prices in quantity.

HORSERADISH

Sets planted in May, small end down with top one inch below the surface in rich, well-cultivated soil, will form large roots in one season. Per doz. 50c; 100 roots \$2.25, postpaid.

LEEK

Broad London—Belonging to onion family and is a good fall and winter substitute for green onions. Sow early in spring, covering $\frac{1}{2}$ inch deep. Per pkt. 10c.

ENDIVE

Seed may be sown any time during the year. When plants are well started, thin to 10 or 12 inches apart. When nearly full grown, bleach plants by tying the leaves together when quite dry to exclude light from inner leaves or heart. A wholesome and delicious salad vegetable for fall and winter use.

Batavian—Large heads of broad, thick leaves, which can be blanched as a salad or make excellent cooked greens. Pkt. 10c; oz. 20c.

Deep Heart Fringed—The leaves are finely cut or lacinated. They are a rich green color but blanched to an appetizing creamy white. Pkt. 10c; oz. 25c.

White Curled—Pkt. 10c; oz. 20c.

EGG PLANT

Culture—Plant in hotbed in February or March. When 2 inches high, transplant in boxes or beds 3 to 4 inches apart. After all danger of frost, set out 3 feet apart in deep, rich loamy soil. Seed germinates slowly.

Black Beauty—Large, thick lustrous, purplish-black fruits of the finest quality. Market variety. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c.

KALE

Use the same cultural directions as that for late cabbage.

Tall Green Curled Scotch—Grows 2 to 4 feet high, bearing long plume-like, light green leaves finely curled at edges. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.

Dwarf Curled Scotch—Leaves are curly, bright green, very tender and delicate in flavor. Pkt. 10c; oz. 25c.

Thousand Headed—Large, heavy, massive plants, with giant, broad leaves. This variety produces by far the largest crop. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

KOHL RABI

Use the same cultural directions as that for early cabbage.

Early Purple Vienna—Earliest sort and most desirable for the table. Bulbs of medium size, purple skin on the outside with white flesh, tender and delicious. Pkt. 10c; oz. 35c.

Early White Vienna—Same as above with exception of the skin being a light green. Pkt. 10c; oz. 35c.

LETTUCE

Culture—Can be planted almost any time of the year in well-tilled moist soil. Give head varieties plenty of room, thinning to at least 15 inches apart. Cover seed one-half inch.

Big Boston—Butter head type with large smooth leaves. Valuable for summer and fall use, also for hot bed and cold frame culture. Leaves are plain edged, tinged brown on margins, heads are well folded, buttery yellow at the heart, and of excellent quality. Pkt. 10c; oz. 35c.

Iceburg—No lettuce is more crisp; the large ribs are like celery stalks. A sure and reliable header. Forms a large, compact head, very white inside; excellent quality, being sweet, crisp and delicious. Pkt. 10c; oz. 30c.

New York—This is the variety that is planted so extensively for home and market use. The plant is very large but compact and tight heading; very sweet and tender; outer leaves deep green with frilled edges. Pkt. 10c; oz. 30c.

New York No. 12—For many years a standard "Iceburg" type for market, with solid cabbage heads, light green leaves slightly curled on the edges. Stands heat well. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 75c.

Prizehead—A large loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor. Pkt. 10c; oz. 30c.

California Cream Butter—A very reliable heading sort, with glossy deep green leaves, the outer ones slightly spotted or splashed with brown. The inner leaves form a large very solid head, rich light yellow in color, very thick, tender and buttery. Pkt. 10c; oz. 30c.

Creamy Heart—An excellent butterhead type, very hardy for early planting, medium sized head of a dark green color, crisp and tender. Pkt. 10c; oz. 30c.

Mixed Lettuce—This mixture contains Head, Loose-head, Curled, Brown, in fact almost all styles and shapes. Try a package. Pkt. 10c; oz. 25c.

Chicken Lettuce—The plant grows very much like a kale to a height of 4 to 5 feet, with much growth of leaf. It is used extensively for chicken and rabbit feeding. Sow seed very early. Pkt. 10c; oz. 25c.

MUSKMELON or CANTALOUE

Culture—The most suitable soil for melons is a rich, warm, sandy loam. Sow seed after soil has warmed up and the weather quite settled, putting 8 to 10 seeds in a circle in slightly raised hills and cover seed with $\frac{3}{4}$ -inch of fine soil. Thin to 3 plants after plants are well established.

Hale's Best—An early variety with a sweet tasty flavor. The rich salmon flesh is very thick, leaving only a very small seed cavity. Fruits are oval-shaped with a heavy netting. Pkt. 10c; oz. 20c.

Hearts of Gold—A medium sized very uniform melon of fine grained flesh and sweetest flavor. Pkt. 10c; oz. 20c.

Fordhook—The most perfect cantaloupe. Very thick, flesh of orange yellow, very small seed cavity, comparatively few seeds, flesh very solid and of very high flavor. Pkt. 10c; oz. 20c.

Burrell's Gem—One of the most popular market melons. Oblong, not deeply ribbed, about $4\frac{1}{2}$ to 6 inches long, flesh very thick, small seed cavity. Flesh deep salmon and of excellent flavor. Pkt. 10c; oz. 20c.

Banana—Banana shaped with the banana flavor; 15 to 20 inches long by 4 to 6 inches in diameter; has thick orange flesh with delightfully sweet flavor. Pkt. 10c; oz. 20c.

Osage—Of medium size, oval, dark green, shallow netting; flesh deep salmon, thick, very firm, sweet and of rich flavor. Pkt. 10c; oz. 20c.

Emerald Gem—Medium size; skin deep green, generally smooth; flesh thick, rich salmon, not surpassed in richness and flavor. Pkt. 10c; oz. 20c.

Honey Dew—A very late fall or winter variety. Fruits are large, nearly round, light green and smooth. Flesh is thick and very sweet, ripening to the rind. Pkt. 10c; oz. 20c.

GREEN FLESHED VARIETIES

Extra Early Hackensack—An old favorite. Melons of good size, heavily ribbed and netted; thick light green flesh of fine flavor. Pkt. 10c; oz. 20c.

Rockyford—The leading green fleshed melon, with a so-called gold lining. The fruits are rather small, round, without ribs, and heavily netted. Flesh is thick and well flavored. Excellent shipper. Pkt. 10c; oz. 20c.

Mixed Muskmelons—A mixture of our best select strains that will produce early, medium and late. Green and orange flesh varieties. Pkt. 10c; oz. 20c.

WATERMELONS

Culture—Watermelons do best on a rich, rather sandy soil, but a well-drained loam with southern exposure is nearly as good. Seed should not be planted until the weather is quite warm. Place 6 to 8 seeds in a hill, 6 to 8 feet apart each way. Cover one-half inch deep.

Butzer's Favorite—This very popular melon grows very large and is almost round. Rich dark green color; medium rind; flesh, deep red. Drought resisting and produces a profitable crop when other varieties are sometimes scarce. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Cole's Early—The Northern States' favorite. An early melon of high quality. In sugary delicious crispness, flavor and melting tenderness, it is the top-notcher. Oblong shape, about 20 inches long, 12 inches through; skin mottled green and thin brittle rind. Pkt. 10c; oz. 20c; 1/4 lb. 50c.

Fordhook Early—An extra early variety of fine quality and fair size; form round to oblong; skin dark green mottled with a darker shade; flesh bright red; seeds white. Pkt. 10c; oz. 20c; 1/4 lb. 50c.

Kleckley's Sweets—Large in size, medium early and exceedingly sweet; oblong, slightly tapering towards the stem end; rind very dark green; flesh very bright, rich red and ripens nearly to the rind. Pkt. 10c; oz. 20c; 1/4 lb. 50c.

Klondike—Rind dark green, thin. Flesh bright red, brittle and sweet. Fruits oblong. A good shipper. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

White Seeded Ice Cream—Fruits almost round, rind thin, medium green. Flesh pink, sweet. Matures early. A fine keeper. Pkt. 10c; oz. 20c; 1/4 lb. 50c.

Black Seeded Ice Cream—Same as above with black seeds. Pkt. 10c; oz. 20c; 1/4 lb. 50c.

Mixed—Contains both large and small varieties of all types. Pkt. 10c; oz. 20c; 1/4 lb. 45c.

CITRON

The fruits are medium sized, uniformly round and used exclusively for preserves. Color, dark green, distinctly striped and marbled with light green. Flesh is white and solid. Pkt. 10c; oz. 20c.

MUSTARD

Culture—Sow the seed as early in the spring as the weather permits, sowing thinly in rows about 1 foot apart. Water freely.

Fordhook Fancy—Plants are of vigorous growth, having dark green leaves which curve outward like a fine ostrich plume. Stands heat well. Pkt. 10c; oz. 20c.

Southern Giant Curled—Leaves light green, frilled and much crumpled at edge. Excellent quality. Pkt. 10c; oz. 20c.

ONIONS

As early as soil can be worked in spring, sow the seeds thinly in drills 1 foot apart, covering lightly and later thinning out to about 6 inches apart. The soil must be well fertilized. Water frequently during hot weather.

Oregon Yellow Danvers—The standard variety for winter use. Produces well-ripened bulbs, averaging 2 inches in diameter. Skin light golden brown; flesh pure white; crisp and mild in flavor. Excellent keeping qualities. Pkt. 10c; oz. 85c; 1/4 lb. \$2.50.

White Bermuda—A pure white flat onion, mild and sweet. Pkt. 10c; oz. 95c; 1/4 lb. \$2.75.

Yellow Sweet Spanish—A new variety that is gaining much popularity. Globe shaped, bright yellow skin and very mild flavor. Pkt. 10c; oz. 85c; 1/4 lb. \$2.50.

White Sweet Spanish—One of the earliest, mildest and sweetest onions on the market. Globe shaped. Pkt. 10c; oz. 95c; 1/4 lb. \$2.75.

White Portugal—A medium early variety with flattened shape and clear white skin. Extensively used for pickling and green onions. Very firm, mild and sweet. Excellent keeping qualities. Pkt. 10c; oz. 85c; 1/4 lb. \$2.50.

BOTTOM ONION SETS

Small onions grown from seed.. Excellent for green onions and if left to stand, they make ripe onions of the best quality, maturing some six weeks earlier than a crop grown directly from seed. Per lb. 30c; 5 lbs. \$1.25.

POTATO ONION

Makes large onions of mild flavor. The smallest sets produce one to two large onions; medium sized sets produce a number of medium to small sets, the large onions produce a great many small sets. They are produced in clusters, increasing by division of the parent onion. Per lb. 30c.

PARSLEY

Culture—Parsley is slow to germinate. Sow in rows 1 foot apart, covering with not more than 1/2 inch fine garden soil, pressing the same down firmly. A light mulch will retain moisture and prevent crusting.

Plain or Single—Plain leaves, excellent flavor. Pkt. 10c; oz. 20c.

Extra Curled Dwarf—The moss-like leaves of a bright green color are finely curled. Pkt. 10c; oz. 25c.

Turnip-Rooted—The edible portion is the fleshy root, which resembles a small turnip and is esteemed for flavoring. Pkt. 10c; oz. 20c.

OKRA

Culture—Plant, after danger of frost has passed, in rows 2 1/2 feet apart and thin to 12 inches apart in the rows. Keep well cultivated. The young seed pods are used in soups, stews, etc.

Tall or Perkins Mammoth—The long pods, measuring 4 and 5 inches, are produced in great quantities. Pkt. 10c; oz. 25c.

PARSNIPS

Culture—A deep rich sandy loam is the best for parsnips. Plant in rows as early in the spring as possible 1 1/2 feet apart, covering to 1/2 inch with fine soil. When plants are well up, thin to 2 to 3 inches apart. Parsnip seed is slow to germinate; be sure to press soil down firmly over seeds.

Guernsey—An ideal parsnip for the home and market gardener as it is easily dug. Has all of the good qualities of other sorts but grows about half as long, which makes it suitable for heavy soils. Very tender and sweet. Pkt. 10c; oz. 20c; 1/4 lb. 60c.

Long Smooth, or Hollow Crown—A great cropper, tender, sugary, and considered the best for general cultivation. Pkt. 10c; oz. 20c; 1/4 lb. 60c.

PEANUTS

Culture—For best results select warm, light or sandy soil rich in lime. Plant in rows 2 1/2 to 3 feet apart, spacing shelled nuts 8 to 10 inches apart in rows, or if planted in hulls, place them 16 to 18 inches apart. Cover with 2 inches of soil. Cultivate and hoe freely. In the fall, before the frost dig and hang vines under a shed or in an airy room to cure.

Jumbo Virginia—120 days. Most productive, extra large peanut of rich flavor with 2 or 3 kernels to the pod. Vines make valuable fodder for stock. Pkt. 10c; oz. 10c; 1/2 lb. 40c; 1 lb. 75c.

Spanish—110 days. The kernels are small and very sweet. Early, and a heavy bearer. Easily cultivated and gathered. Pkt. 10c; 1/2 lb. 40c; 1 lb. 75c.

SWEET POTATOES

Culture—Set out in rows 4 feet apart and 15 inches between plants, about May 5th to June 1st. Use sandy loam in a warm location.

Prices on Plants—Strong, healthy plants of local growth. Doz. 50c; 3 doz. \$1.00; 100 plants \$1.75.

Nancy Hall—Produces good sized tubers of medium length and quite thick in diameter. The flesh is of rich orange color and very sweet.

Porto Rico—A large reddish skin sort. Strong, vigorous grower, producing heavy yield.

RHUBARB or PIE PLANT

Rhubarb is cultivated in gardens for its leaf stalks which are used for pies, etc.

Roots—30c each; \$2.50 per doz. Postpaid.

GARDEN PEAS

All Garden Peas Prices Postpaid

Culture—Both wrinkled and smooth seeded types may be planted as early in the spring as the soil can be prepared. Frequent planting for succession and a careful selection for varieties, will give an almost continuous crop of peas until frost. Larger pods and a greater yield may be produced if the seed is planted in trenches 3 to 6 inches deep and covered with only 1 inch of soil, filling trench gradually as plants grow. This will secure deep rooting, prevent mildew and prolong the bearing season. Provide supports for tall-growing varieties. Rows should be approximately 3 feet apart. One packet of seed will sow a 20-foot row; 1 pound, 100 feet; 120 pounds, 1 acre.

Gradus—This extra early, wrinkled pea bears pods of large size, and combines quality with earliness. Vines 2½ feet in height; vigorous and very prolific. Peas remain tender and sweet for a long time. Excellent market variety. Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.25.

Blue Bantam—Unequaled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry enormous crops of large, deep bluish-green pods, measuring 4½ inches long tightly packed with 7 to 8 extra large peas. Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.25.

Little Marvel—Noted for its dwarf habit, good quality and yield. Height 18 inches. Pods are small, but dark green and well filled with very sweet peas. Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.25.

Butzer's Improved Alderman—A handsome, large podded variety. Unexcelled for home gardens, market and shipping. Bears immense crops, wilt resistant. Pods single, very broad, plump, straight, dark green, contain 8 to 10 peas of highest quality. Requires staking. Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.25.

Alaska—Height 20 to 30 inches. Well-filled medium-sized pods, containing small, round and tender peas. Entire crop matures practically at one time. Most popular variety for canning. Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.25.

Telephone—A tall-growing, popular late sort, 3½ to 4 feet in height, having pods of a very large size, containing 6 to 7 peas of delicious flavor. Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.25.

Laxton's Progress—A market, shipping and home garden variety of great merit. Height 18 to 20 inches; pods are dark green and about 4½ inches long. Very sweet and of excellent flavor. Pkt. 10c; ½ lb. 20c; 1b. 35c; 5 lbs. \$1.25.

Mammoth Melting Sugar—A popular edible-podded variety, which is used the same as snap beans. Pods 4½ inches long, stringless and very sweet. Height 6 to 7 feet. Heavy yielder. Pkt. 10c; ½ lb. 20c; 1b. 35c.

Dwarf Gray Sugar—An edible podded variety with vine growth of 28 inches. Pods 3 inches long, produced in doubles, light green, heavily curved, and strongly indented between peas. Pkt. 10c; ½ lb. 20c; 1b. 35c.

A special garden size for peas, beans and sweet peas will insure you large, luscious peas and beans, and abundant sweet pea blossoms of gorgeous coloring.

Price 10c



PEPPERS

Culture—Soil and temperature requirements are about the same as for eggplant. A moderate dressing of guano, poultry manure or a complete commercial fertilizer, hoed into the soil after the plants are 6 to 8 inches tall, will be very beneficial.

California Wonder—A standard extra thick walled pepper, unexcelled for stuffing. Uniformly squarish, four-lobed, sweet and a fine shipper. Pkt. 10c; ½ oz. 40c; oz. 65c.

Chinese Giant—Fruits are often 6 inches across and 4½ to 5 inches deep. Flesh is moderately thick and very mild. Fruits are bright green when young. Pkt. 10c; ½ oz. 40c; oz. 65c.

Mixed Peppers—A great many varieties mixed. Pkt. 10c; ½ oz. 40c; oz. 65c.

Cayenne—Long red; very hot. Pkt. 10c.

Tabasco—Hottest of all. Pkt. 10c.

Red Chili—Good hot pickling variety. Pkt. 10c.

PUMPKINS

Pumpkins are less sensitive to unfavorable conditions of soil and weather than melons or cucumbers, but are cultivated in about the same manner.

Small Sugar—This variety is small but most excellent quality for pies. Fruits are deep orange, 8 to 10 inches in diameter. Flesh is rich deep yellow, fine grained and very sweet. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Winter Luxury—The best flavored pie pumpkin grown; enormously productive; excellent keeper; medium size; color, golden-russet; flesh deep golden, sweet, tender and very thick. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Virginia Mammoth—Most extensively grown for stock. Excellent keeper, sweet and also used for canning. Fruits are very large; skin creamy buff, with thick deep salmon yellow flesh of good quality. Pkt. 10c; oz. 20c; ¼ lb. 50c.

King of the Mammoths—A giant among pumpkins, usually averaging about 60 pounds. Bright yellow with thick, firm orange-yellow, sweet and tender flesh; fine for pies and stock feeding. Pkt. 10c; oz. 20c; ¼ lb. 50c.

BUTZER'S CHOICE RADISHES

Culture—To be tender and crisp, radishes must be grown quickly. Commencing with the first mild spell, sow at intervals of 10 days in a light, rich, deeply worked soil, covering with ¼-inch. Winter radish seed is generally sown early in August.

Sparkler—Attractive small round roots with bright scarlet top and clear white base. Very crisp and of excellent flavor. Popular with market gardeners. Pkt. 10c; oz. 20c; ¼ lb. 45c.

Crimson Giant—A fine, bright-red radish, growing quickly to a large size for early market. Does not become pithy. Pkt. 10c; oz. 20c.

Vick's Scarlet Globe—Extensively used by market growers. Globular, uniform size, bright scarlet, crisp and tasty fine white flesh. Pkt. 10c; oz. 20c.

French Breakfast—A splendid variety, medium-sized, olive-shaped, very crisp, juicy, mildly pungent, and tender. Pkt. 10c; oz. 20c.

Long Scarlet—No radish will keep as long nor grow as large and still remain firm and crisp. Bright scarlet shading to pure white at tip. Pkt. 10c; oz. 20c.

White Icicle—Considered the best early white variety. Popular with home gardeners. Roots long and tapered, brittle and of excellent quality, mild and of splendid flavor. Pkt. 10c; oz. 20c; ¼ lb. 45c.

Mixed—All kinds, colors and styles. A great variety for a small garden where one sowing does for the whole season. You always have some that are just right, sweet and juicy. Pkt. 10c; oz. 20c; ¼ lb. 45c.

WINTER RADISHES

Long Black Spanish—Black skin, white flesh and very crisp. Pkt. 10c; oz. 20c; ¼ lb. 50c.

Round Black Spanish—A favorite for winter use. Pkt. 10c; oz. 20c; ¼ lb. 50c.

White Strasburg—A fine solid radish of large size. Pkt. 10c; oz. 20c; ¼ lb. 50c.

SPINACH

Culture—Sow in drills 16 to 20 inches apart, covering with ½-inch of soil, thin to 3 inches. For early spring use, sow in the fall, or sow in early spring for later use. Fine fall spinach can be grown by planting seed August 20th to September 1st, and winter spinach may be planted until October 15th.

King of Denmark—Excellent for spring planting, very slow to go to seed, makes very quick low growth, producing an abundance of dark green leaves of large size and very much crumpled. Pkt. 10c; oz. 20c; ¼ lb. 45c.

Thick Leaved Improved—Medium early rapid growing, forming large, thick, slightly crumpled deep green leaves of good quality. Pkt. 10c; oz. 20c; ¼ lb. 45c.

New Zealand—Although not a true spinach, the leaves look similar and are very useful as greens. On soil too poor to grow spinach successfully, the plants thrive and produce small fleshy leaves that are tender and delicious. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.

SALSIFY or VEGETABLE OYSTER

The roots of this vegetable are appetizing and nutritious, and the flavor is like that of oysters. Succeeds best in a light, well enriched soil.

Mammoth Sandwich Island—Large and strong growing with long, smooth, white, tapering roots. Pkt. 10c; oz. 25c.

SQUASH

Culture—Seeds should be planted about the middle of May, in hills 4 feet apart for bush varieties, and 10 feet apart for running sorts, covering with 1 inch of soil. Put 8 to 12 seeds in each hill, afterward thin out, leaving 3 or 4 of the best plants.



Table Queen (Danish)—A trailing variety, producing acorn-shaped fruit with a thin, distinctly ribbed, dark green shell; 6 inches long by $\frac{1}{2}$ inches in diameter. Flesh light yellow. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Banana—Trailing variety growing 1 to 2 feet long. Skin varies from a bright yellow to a dark olive green. Flesh firm and solid of beautiful orange-yellow. Excellent keeper. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

The Delicious—Weighs from 5 to 10 pounds. Flesh dark orange, excellent flavor and splendid winter keepers. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

True Hubbard—Well-known winter squash of splendid quality. Vines of strong running growth; fruits large, olive-shaped, with dark-green skin and very rich flesh. Excellent keeper. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Marblehead—Similar to Hubbard, but much earlier. Somewhat warted and rind is slate green. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Mammoth Whale—Grows from $2\frac{1}{2}$ to 3 feet long. Skin is dark olive-green; flesh firm and solid; a beautiful orange-yellow and of excellent quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Cocozelle Bush—A very productive variety. Length 12 to 16 inches, oblong; skin, deep green marbled with yellow and dark green stripes. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Zucchini—Similar in all respects to Bush Cocozelle except the fruits are mottled dark and light green, giving them a greenish-gray appearance. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Giant Crookneck—The standard variety for home and market garden. A bush type producing fruits of excellent flavor. Color is a bright yellow and the fruits are warted. Heavy yielder. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Giant Summer Straightneck—A desirable type for shipping. Early, handsome in appearance. Color is deep orange and moderately warted, 16 to 20 inches long, but used much smaller. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Kitchenette—A small variety of the Hubbard family. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Delicata—Small fruited variety, suitable for both summer and winter use; oblong, slightly ribbed, with orange-yellow skin, striped with dark green. Flesh thick and solid. Very rich flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Burpee's Bush Fordhook—Very productive. Smooth, thin, yellowish skin, flesh very thick and of a light straw-yellow. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Mammoth White Bush Scallop—A popular variety bearing profusely small, rather flat white squashes with a distinct scalloped edge. Very early and has fine flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Vegetable Marrow—A most important vegetable in the English market. Fruit is generally eaten when less than half grown, as the flesh is then very tender and marrowy. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

TOMATOES

Culture—Tomatoes do best in light, warm, not overly rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from 6 to 8 weeks before they can be set out of doors, which is when danger from frost is past. Cover seeds with $\frac{1}{4}$ -inch of soil.

Bonny Best—Early mid-season sort for market, canning or shipping. Medium sized, bright scarlet fruits, smooth, solid and flattened globe shaped. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

Chalk's Early Jewel—The largest, smoothest and finest-flavored extra early bright red tomato! Heavy yielder. Tomatoes are of uniformly good size. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

The New Marglobe—A new rust resisting variety extensively used by shippers and canneries. The deep scarlet fruits are globe shaped with solid meat and few seeds, and is non-acid. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

Rutger's—Wilt resistant, very solid and few seeds. Resembles Marglobe in characteristics. Ripens from the center out. A consistent cropper and excellent for market, canning and juice. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00.

Burbank—Earliest, smoothest, most productive and best early tomato, bright crimson, thick and firm with few seeds. Keeps well; a good shipper; prolific, continuous bearer. Wilt resistant. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

Break O' Day—The fruits are almost round and have a bright orange-scarlet skin. Small seed cavity and very solid. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75.

Pritchard—Wilt resistant and a heavy cropper. Fruits globe-shaped, deep scarlet, smooth and solid. Excellent for home, market and shipping. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

Beefsteak—Extremely large and very solid, there being but few seeds. In color, it is a beautiful crimson throughout. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

New Stone—A favorite late crop variety, known for its productiveness. Fruits are large, smooth, and have a deep scarlet skin. Standard variety for canneries. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

Dwarf Champion (Tree Tomato)—A main crop, purplish pink variety, especially desirable where garden space is limited. Height 2 feet, vigorous, upright and compact. Fruits are medium sized, exceptionally smooth and of excellent quality. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

Golden Queen—The finest of the large yellow tomatoes. Smooth, well-shaped and having a fine distinct flavor. Non-acid. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

Yellow Pear—For preserves; pear shaped. Pkt. 10c; oz. 75c.

Husk (Ground Cherry)—The small yellow fruits are enclosed in a husk. Sweet flavor; highly esteemed for preserving and excellent to eat raw. Pkt. 10c; oz. 75c.

Mixed—This is unusually popular. It contains all varieties and colors, large and small. Try a package for 10c.

TURNIP

Culture—For main crop, sow in open ground from May to July; for winter use, during latter part of July and August. Set out in rows $1\frac{1}{2}$ feet apart, covering with $\frac{1}{2}$ -inch of soil. Thin plants to 6 inches.

Purple Top White Globe—The all-purpose variety. Roots large, globe shaped, smooth, upper part purple, under side white; flesh, white, crisp and tender. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Extra Early White Milan—Roots clear white, smooth, flat and good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c.

White Egg—Pure white, egg shaped; early. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Pomeranian White Globe—Extra large round, pure white; fine stock turnip. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Large White Norfolk—A white variety, very large and extensively grown for stock feeding. Leaves are also used for greens. Hardy and a heavy yielder. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Yellow Aberdeen—Round, medium size, light yellow. Produces a large crop, is hardy and keeps well, flesh very firm but tender and sweet. A favorite with dairymen. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Bortfeld (Long Yellow)—A heavy cropper and of delicious flavor. Extra fine for stock. Yellow in color and of rapid growth. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Cowhorn—Long white, slightly crooked turnip with a shade of green at top. Rapid growth, delicate and well flavored. Excellent for stock. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

Golden Ball—The best yellow sort for market or family use. Roots medium sized, round and smooth, with yellow skin and flesh. An excellent winter keeper. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.00.

RUTABAGAS or SWEDES

Butzer's Best—The old, popular standard sort both for stock feeding and table use. Flesh yellow, solid and sweet. Globe shaped, large, and of finest quality. Use same cultural directions as that for turnips. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

GENERAL CULTURAL DIRECTIONS FOR FLOWERS

ANNUALS—Bloom the first year from seed and the plant dies after one season. Seeds may be planted in the early spring.

PERENNIALS—Seeds planted in September will produce blooming plants the following season, which will live several years, producing flowers annually.

SOWING SEEDS IN THE OPEN GROUND—Flowers require a well-pulverized rich mellow loam to make strong, healthy vigorous plants. It is quite essential that before seeds are planted out of doors that the ground has become warmed and weather conditions favorable. A location sheltered from high winds is also beneficial. Open a shallow furrow, sow the seeds sparingly and cover with about twice the depth of their own diameter. Very fine seeds may merely be pressed in. The soil should then be firmed over the seed, which may be done by using a board. The seed bed should be kept lightly moist at all times, never using an excess amount of water as that sometimes causes the seed to rot. When the plants are sufficiently developed, they may then be thinned or transplanted to other parts of the garden. In removing the plants, take sufficient soil with each one so as to disturb the roots as little as possible.

SOWING SEEDS IN FLATS—It is usually more satisfactory to start small seeds in flats. This is really quite an easy procedure. First, select a shallow box about 20 inches square and 3 inches deep, and cover the bottom with about 1 inch of any available garden soil, which will serve to take away the surplus water. On top of this layer of drainage, place 1½ inches of good sandy loam, using one-half loam and one-half sand, and smooth evenly. Sow seeds sparingly and just merely press them into the soil or cover lightly with sand. Moisture and warmth are quite essential, however, the seed box must be kept just moderately damp. Cover the flat with a glass shaded with paper and place near a sunny window, removing the glass for a short time each day to permit the box to dry out somewhat and always replacing the same with the dry side down. This routine may be discontinued after the seeds begin to germinate. After the plants are about 2 inches high, they are then strong enough to stand all possible sunlight. Before transplanting, they should be removed to a cooler temperature to permit them to harden, and give them air on all days that the weather is suitable. After they have acquired a second or third set of leaves, they are then sufficiently large to transplant into the open ground. If possible choose a cool day for this procedure or supply them with some covering for shade.

AGERATUM

530—**Fairy Pink.** 5 in. A compact dwarf of delightful soft salmon rose pink. Forms a compact mass of blooms. Excellent for borders. Pkt. 15c.

BALSAM

899—**Gardenia Flowered Mixed.** 2 ft. Free-flowering double Balsam of bushy growth, looking exactly like little rose bushes. Flowers appear in clusters on the top of stems. An extra fine border plant with its flowers in shades of red, rose and white. Pkt. 25c.

CLEOME

1302—**Pink Queen (Spider Plant).** Distinct and new, this beautiful plant bears its huge trusses of bright salmon pink from early summer until late fall. An attractive border subject for backgrounds. Pkt. 25c.

SALVIA

2787—**Indian Purple.** A true violet purple holding its color and flowers through the hottest summer. Gives striking effects in combination planting. Height 2 ft. Pkt. 20c.

*VIOLA

3686—**Little-Johnny-Jump-Up.** 4 in. The old-fashioned viola found in old gardens, tenacious. Pkt. 25c.

ZINNIA

3765—**Black Ruby (All America Bronze Medal Winner).** 2 ft. A valuable addition to the Liliput group. Blackish maroon double flowers, 1 to 1½ inches across; while extremely deep in color, the flowers are not dull for the velvety texture gives them a rich appearance. Excellent for bouquets. Pkt. 20c.

3647—**Cactus Flowered Giants Mixed.** As the name suggests, they truly are Cactus flowered with long quilled, curled and pointed petals—no center showing. Blooms measure 4 and 4½ inches across. A very beautiful cut flower. Pkt. 25c.

*DELPHINIUM

1484—**Pacific Giants Mixed.** 4-5 ft. Excitingly new and beautiful with its tall, slender, graceful flower spikes of very large and well-formed florets. Its heavy glistening texture makes it especially desirable as a cut flower. 60-80% mildew resistant. Pkt. 35c.

SCABIOSA

2820—**Peace.** Flowers are 2 inches across, of perfect form, almost spherical in shape and a pure white. They are borne on long stems well above the foliage. Flowers resemble a bee hive. Pkt. 20c.

ACROCLINUM (Everlasting)

510—New Large Flowered Double Hybrids—Height 18 inches. A handsome everlasting; the plant branching and blooming freely. Extremely large flowers. One of the best and most popular for winter bouquets. Pkt. 15c.

AGATHEA

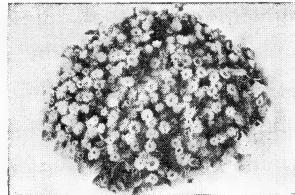
527—Coelesatis (Blue Daisy)—Flowers sky blue with yellow disk; easy growth. Pkt. 10c.

AGERATUM

A showy everblooming annual much used for beds and borders. The little brush-like flowers are borne in clusters.

537—Blue Perfection—9 inches. The darkest colored of all large flowering Ageratums. Pkt. 10c.

538—Blue Cap—5 inches. Covered with miniature rich blue flowers. Ideal for low edging of borders. Pkt. 10c.

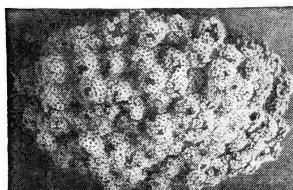


540—Blue Ball—Very compact plants with most uniform growth. Blooms, deep lavender. 5-6 inches. Pkt. 10c.

549—Finest Mixed—All colors. Pkt. 10c.

ALYSSUM

A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging. Extremely fragrant and frequently used for bouquets.



565—Little Gem—4 inches. One mass of white flowers from spring to fall. Pkt. 10c.

568—Lilac Queen—Beautiful soft lilac flowers changing to white. 6". Pkt. 10c.

574—Sweet Maritimum—Trailing,

free flowering, lovely for borders. Small pure white blooms. Pkt. 10c.

575—Violet Queen—5 inches. Large heads of fragrant, bright clear violet flowers. Free and continuous bloomer. Pkt. 15c.

578—*Saxatile Compactum (Basket of Gold)—1 foot. Brilliant golden yellow flowers borne so profusely as to hide the plants. Early spring. Pkt. 10c.

AMARANTHUS

587—Caudatus (Love Lies Bleeding)—Blood-red, drooping. Pkt. 10c.

ANAGALLIS

595—Grandiflora Coerulea—11 inches. Flowers are of a real turquoise-blue and bloom freely. Pkt. 10c.

***ANEMONE (Wind Flower)**

Very pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compare with them in beauty. Excellent for bouquets.

619—His Excellency—Single fiery scarlet. Pkt. 10c.

622—St. Brigid's Strain—May-June. Double and single mixed. 12 inches. A beautiful selection of the Coronaria varieties in a wonderful array of colors. Pkt. 10c.

***ARABIS (Rock Cress)**

Charming dwarf spring-flowering plants of easy cultivation; valuable for beds, edgings.

634—Alpina—6 inches. A hardy perennial, bearing pure white flowers, for spring bedding and rockeries. Pkt. 10c.

Those Marked * are Perennials

ARCTOTIS

643—Grandia (Blue-Eyed African Daisy)—A quick-growing annual, forming a bush 2-3 feet across with soft whitish foliage. Flowers are large and showy—from 2 to 3 inches across—color pure white with a blue eye. Height 18 inches. Pkt. 10c.

646—New Hybrids—8-12 inches. Resembles the famous Gerberas in size and coloring, but easier grown. Excellent as a border plant and fine for cutting. Prefers a dry sunny location. Pkt. 15c.

ASTERS**Queen of the Annuals**

667—El Monte—Huge flowers of a deep glowing crimson. Pkt. 10c.

669—Golden Sheaf—The deepest yellow aster yet offered. Flowers are fully double, with an attractive crest-like center. Wilt resistant. Pkt. 10c.

673—Los Angeles—Pure shell pink, with huge flowers, charming form, with curling interlaced petals. Pkt. 10c.

676—Salmon Queen—Salmon pink blending to a rich golden salmon at center. Pkt. 10c.

GIANT CREGO (Wilt Resistant)

The Crego is one of the largest of all Asters. The petals are curled and twisted, plants branching.

665—Blue Flame. Bright navy blue.

682—Crego Blue. 688—Crego Rose Pink.

683—Crego Crimson. 689—Crego Shell Pink.

684—Crego Deep Rose. 690—Crego White.

685—Crego Lavender. 695—Crego Mixed.

687—Crego Purple.

Each of the above, per pkt. 10c.

CALIFORNIA GIANT DOUBLE

Crego type, but more substantial and larger, measuring 5 to 6 inches in diameter, borne on heavy stems. Height 2 1/2 to 3 feet. Wilt resistant.

725—Apple Blossom 729—Light Purple

726—Dark Purple 730—Peach Blossom

727—Deep Rose 731—White

728—Light Blue 735—Mixed

Per pkt. 10c.

GIANT OSTRICH FEATHER

Tall, branching, robust; flowers immense fluffy balls with petals twisted, very showy. Excellent for cutting. Wilt resistant. 2 1/2 ft.

780—Crimson

781—Dark Blue

782—Light Blue

783—Rose

784—Rose Pink

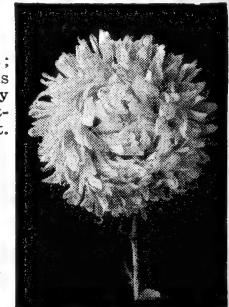
785—Shell Pink

786—Sky Blue

787—White

790—Mixed

Per pkt. 10c.

**GIANT CALIFORNIA SUNSHINE**

Flowers composed of single row, outer petals contrasting with unique quill-like center. Blooms measure 5 inches across. Wilt resistant. Height 3 feet.

797—Apple Blossom. Delicate flesh.

798—Enchantress Pink. Salmon pink.

799—Lavender. Very light.

800—Light Blue

801—Purple

802—Rose

803—White

808—Finest Mixed

Each of above, pkt. 15c.

830—Heart of France—2 feet. Red as the purest ruby, deepens with age and retains its remarkable color to the very end. Pkt. 10c.

850—Butzer's Rose City Mixture of Asters—This special mixture includes all of the newest wilt resistant varieties, which will afford a splendid supply of flowers during the entire season. The best on the market! Pkt. 10c.

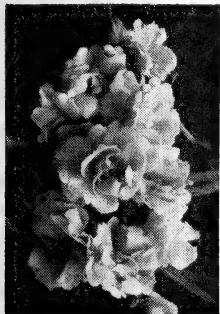
We Pay the Postage On All Flower Seeds.

PERENNIAL ASTERS

875—(Michaelmas Daisy). Fill a most important place in all hardy flower gardens, lighting up the borders and shrubberies with their masses of dainty and brightly colored blossoms throughout the autumn months. All Sorts Mixed—Per pkt. 10c.

*AUBRETTIA

885—Large Flowered Hybrids—5 inches. One of the daintiest of all creeping plants for carpeting beds or rockeries, forming brilliant sheets of color. A gem for planting in crevices of rocks or walls. Pkt. 15c.

BALSAM
(Lady Slipper)

905—Double Camellia-Flowered—2 feet. An old favorite producing masses of brilliant colored flowers in greatest profusion. Admirable in beds or borders. Finest Double Mixed—Pkt. 10c.

TUBEROUS
BEGONIAS

935—Double Mixed—Producing on strong, erect stems an abundance of very double flowers, ranging from brilliant rose to carmine. Pkt. 50c.

CACALIA—2 feet

960—Tassel Flower. The flowers of scarlet or gold on branching stems look exactly as the name indicates, fluffy tassels. Blooms until frost. Pkt. 10c.

CACTUS

962—All Varieties Mixed. Contains a wonderful range of good easily grown varieties of all classes. Pkt. 15c.

BUTZER'S SURPRISE GARDEN MIXTURE

975—If you want a thrill and a real adventure in gardening this year, be sure and sow this mixture liberally. We buy for this mixture annual varieties which are attractive and easily grown, many of which cannot be obtained individually. Pkt. 10c; oz. 25c.

976—BUTZER'S ANNUALS CUT FLOWER MIXTURE—Growing 1 to 3½ feet tall. Pkt. 10c.

977—BUTZER'S ANNUALS FOR ROCK GARDENS—A carefully prepared mixture of low growing, many colored, free flowering annuals, which will supply color in your rock garden all summer. Pkt. 10c.

BUTZER'S PERENNIAL SEED MIXTURES

978—Tall Sorts Mixed—3 feet and upwards.

979—Dwarf Sorts Mixed—From 6 to 15 inches.

980—Medium Sorts Mixed—18 to 36 inches.

Per pkt. 10c.

CALENDULA

1012—Campfire (Sensation). Flowers are extremely large and very dark orange with a scarlet sheen. Pkt. 10c.

1008—All Colors Mixed—Pkt. 10c.

1017—Bodger's Pastel Bedding Mixture—Contains a balanced combination of the lighter shades in the dwarfer growing types. Pkt. 10c.

CALLIOPSIS (Tickseed)

Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers greatly prized for bouquets and vases.

1030—Tall Double Mixed—Per pkt. 10c.

1033—Tall Single Mixed—Per pkt. 10c.

1036—Special Mixed—Per pkt. 10c.

*CAMPANULA (Canterbury Bells)

Bellflower—Beautiful, hardy herbaceous perennials, bearing a great production of attractive bellflowers.

1045—Double Blue

1046—Double Rose

Per pkt. 10c.

USE NUMBERS WHEN ORDERING
FLOWER SEEDS
TO AVOID DELAY

Buy the Seeds and Raise Your Own Plants.

CAMPANULA CALYCANTHENA

(*Cup and Saucer)

1060—Blue

1065—Mixed

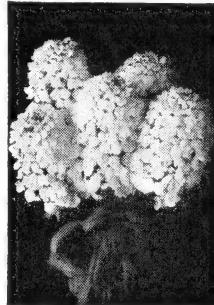
1062—Rose

Per pkt. 10c.

1095—Mixed Annual Canterbury Bells—Containing the following colors: dark and light blue, pink, rose and white. Height 2½ feet. Per pkt. 10c.

CANARY BIRD FLOWER

1100—One of the most beautiful of climbers, with handsomely fringed rich yellow flowers and delicate foliage. Per pkt. 10c.



CANDYTUFT

Dwarf evergreen plants covered with blooms in spring and early summer. Excellent for rockeries or borders.

1105—*Gibraltarica—Pinkish white. Pkt. 10c.

1108—*Sempervirens—Flowers form a sheet of whiteness. Per pkt. 10c. Crop Failure.

1113—Little Prince (Hyacinth Flowered) 6 inches. Immense spikes of snow-white flowers, borne in great profusion on dwarf sturdy plants. Pkt. 10c.

CANDYTUFT (*Iberis Umbellata*)

1120—Crimson.

1123—Rose.

1121—Flesh.

1124—White.

1122—Lavender

1130—Mixed.

Per pkt. 10c

*CANNA

Seed should be pierced in one spot with a file and soaked in lukewarm water for 24 hours before sowing.

1135—Choice Mixed—Pkt. 10c.

CARDINAL CLIMBER

1140—Ipomea Quamoclit Hybrids—A very graceful and beautiful annual climber, which grows rapidly and is densely clothed with deeply lacinated palm-like, rich green leaves, bespangled with clusters of fiery scarlet, tubular spear-shaped flowers. Pkt. 10c.

CARNATION

1165—Giant Marguerite Mixed. Flowers measuring 3 inches or more, deeply fringed, sweet scented. Choice assortment of colors. Pkt. 10c.

1155—*Chabaud's Giant Double. Everblooming, flowers large, deliciously fragrant and greatly varied in colors. 18 inches. Mixed—Pkt. 15c.

1160—*Engleman's Mixed. An extra choice variety, yielding over 80 per cent double blooms. Pkt. 25c.

CELOSIA CRISTATA

Showy, half-hardy annuals of easy culture; 1 foot; producing large brilliant comb-like flowers.

1170—Tall Crimson.—Pkt. 10c.

1174—Dwarf Mixed—Pkt. 10c.

1178—Tall Mixed. 18 to 24 inches. Pkt. 10c.

1182—Plumosa Varieties. 2½ to 3 feet. Form pyramidal bushes branching out in candelabra shape, and the numerous massive plumes which resemble ostrich feathers, wave gracefully above the foliage. Mixed—Pkt. 10c.

1185—Chinese Woolflower (*Celosia Childsii*)—3 feet. Each branch bears a ball of scarlet wool mixed with fresh green foliage, making each plant look like an immense bouquet. Mixed—Pkt. 10c.

CENTAUREA—Sweet Sultans

1220—Imperialis Mixed. 3 feet. Most desirable for garden decoration or cutting. The giant, long-stemmed, sweet-scented flowers are exquisitely fringed and most graceful. Per pkt. 10c.

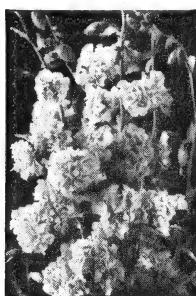
CENTAUREA (Dusty Miller)

1234—Gymnocarpa. 1 foot. Foliage finely cut of silvery gray color, used for bedding. Pkt. 10c.

Those Marked * are Perennials

CLARKIA

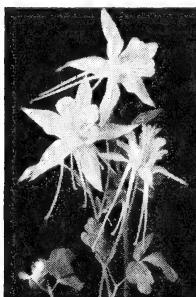
One of the most beautiful and easily grown garden plants. Useful for hanging baskets, vases and as edgings. Blooms from midsummer to late autumn. Average height 1½ feet.



- 1290—**Alba Elegans.** Double pure white.
 1293—**May Blossoms**—Pure glowing rose which deepens with age to a shade of pink.
 1294—**Salmon Queen**—Double salmon.
 1295—**Scarlet Queen**—Double orange scarlet.
 1297—**Purple Prince**—Double purple.
 1298—**Double Elegans** Mixed.
 1299—**Double and Single** Mixed.
 1300—**Double Enchantress**—Light orange, shading to pink, a delightful color.
 Each above, per pkt. 10c.

COBOEA

1315—**Cathedral Bells Mixed.** 30 feet. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac or white. Very vigorous and prolific bloomer. Pkt. 10c.

*COLUMBINE (*Aquilegia*)

- 1325—**Long Spurred Hybrids.** A strain with large, long spurred flowers in strong, brilliant tones of all colors. Pkt. 15c.
 1326—**Mrs. Scott Elliott's Strain of Long Spurred Hybrids.** The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, pinks, whites, creams, yellows, reds, etc. Pkt. 25c.
 1345—**Butzer's Special Mixture.** This mixture contains a great variety of all long spurred types in a splendid blend of colors. Pkt. 15c.

COLEUS

1351—**Mammoth Rainbow Mixture.** 2 feet. The handsomest foliage plant obtained from seed. The leaves often measure 8 x 10 inches, many having fantastic markings in brilliant varied colors. Pkt. 25c.

*COREOPSIS

1359—**Sunburst Fl. Pl. (Double Flowering).** The golden yellow flowers are 1½-2 inches across, excellent for cutting. Plants are easily grown. Pkt. 10c.

COSMOS

1375—**Klondyke Orange Flare.** Well-branched plants, 3 feet tall, covered with showy golden orange flowers in about 3 months from seed, and blooms until frost.

Pkt. 10c.

Mammoth Flowering

One of the showiest annuals for late summer blooming. Flowers are borne on long stiff stems and with the feathery foliage make beautiful bouquets.



- 1383—**Crimson**
 1386—**White** Per pkt. 10c.

Early Flowering

- 1395—**Crimson**—Pkt. 10c.
 1403—**Mixed**—Pkt. 10c.

Those Marked * are Perennials

COSMOS (*Crested*)

Anemone Flowered. These differ from other varieties in formation of the center of the flower, which develops a crown or crest.

- 1408—**Crimson**
 1410—**Pink Beauty**
 1412—**White Queen.** Per Pkt. 10c.

CYNOGLOSSUM (*Chinese Forget-me-not*)

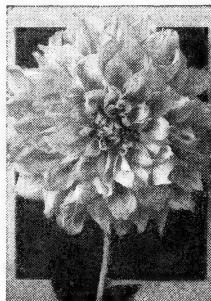
Produces long sprays of brilliant Forget-me-not like flowers. Grows easily and blooms for a long season.
 1430—**Amabile Blue.** Rich turquoise blue. Pkt. 10c.
 1433—**Amabile Pink.** A bright pink. Pkt. 10c.

CYPRESS VINE

A graceful, twining annual climber with fernlike foliage and star-shaped blossoms. Soak seeds in water before planting.

- 1435—**Scarlet.** A very deep, rich shade. Pkt. 10c.
 1437—**White.** Clear paper white. Pkt. 10c.
 1440—**Mixed.** The two above colors. Pkt. 10c.

*DAHLIA



If the seed is started early, the plants will bloom the same season. Sow in shallow box in March or early April, transplant them carefully as their growth demands, and keep soil moderately moist. After all danger from frost, plant in the garden.

- 1445—**Coltness Hybrids**—18 inches. Blooms from July until frost. Flowers have either flat or slightly fluted petals, nearly all 3 inches in diameter. Pkt. 15c.

1448—**Unwin's Dwarf Hybrids.** 18 inches. Blooms from June until frost. An excellent border variety with semi-double flowers of many lovely colors produced in abundance. Pkt. 15c.

- 1451—**Finest Double Mixed.** Seeds saved from choicest double flowers of many beautiful colors. Pkt. 10c.
 1453—**Finest Cactus.** From the best varieties, mixed. Pkt. 10c.

*DAISY

Plants of Double Daisy will bloom the first summer and will continue to bloom for years if given slight protection during the winter. They are not very particular as to soil, but should be grown where they have partial shade. April-June.

- 1462—**Double Red.** Pkt. 10c.
 1464—**Double Rose.** Pkt. 15c.
 1466—**Double White.** Clear white. Pkt. 10c.
 1469—**Double Mixed.** Pkt. 10c.

*SHASTA DAISY

1473—A fine perennial plant bearing large white single blossoms, with yellow centers; an excellent cut flower. Soak seed in warm water over night before sowing. Pkt. 10c.

1475—**New Giant Double White**—An assortment of various types ranging from the most fully double fringed petaled sorts through semi-doubles, to a type which, though single, forms unusual and beautifully shaped flowers with lacinated, curled and quilled petals. Pkt. 15c.

*DELPHINIUM

One of the dominant flowers in the perennial border of late June. In deep, rich soil, they grow to the height of 6 feet or more. All are beautiful, hardy, and live and bloom freely for years.

- 1485—**Pride of the Garden (Wrexham).** Tall spires with large florets closely placed on the spike. Rich assortment of light and dark shades. Pkt. 25c.

1488—**Blackmore & Langdon's.** A truly magnificent strain. The flower spikes are extremely heavy, full flowered, and exceptionally long. Pkt. 25c.

- 1497—**Cardinale.** Brilliant scarlet. Pkt. 15c.
 1505—**Hoodacres White.** Pkt. 25c.
 1507—**Finest Mixed.** Pkt. 10c.

1490—**BUTZER'S PORTLAND HYBRIDS.** Giant-flowered strain of superior quality. Flowers in blue, white, and pink combinations, many of them bicolor. Pkt. 15c.

DIMORPHOTHECA (African Daisy)

Showy annuals about 1 foot tall with gorgeous, daisy-like blooms during summer and fall. Easy culture in well-drained soil, sunny exposure.

- 1527—Golden West
1529—Orange
1535—Mixed (many colors)
Per pkt. 10c.

ESCHSCHOLTZIA

California Poppy—Blooms from early spring until frost. A bright free-flowering plant of low spreading growth with finely cut silvery foliage. 12 inches.

- 1553—Golden West. Yellow orange center. Pkt. 10c.
1558—Scarlet Beauty. Deep scarlet. Pkt. 10c.
1565—Mixed. Pkt. 10c.

1570—**Ramona Hybrids**. The flowers are beautifully frilled and fluted, the petals incurving to form a flower which at first glance appears to be double. Plants are dwarf and compact. Pkt. 10c.

FORGET-ME-NOT (Myosotis)

Excellent for beds, borders, rock gardens, pots and cutting. Blooms throughout summer and fall and does especially well in a somewhat shaded position. Flowers are borne on long stiff stems.

- 1595—Blue
1597—Pink
1602—Mixed
Per pkt. 10c.

FOUR O'CLOCK

1604—Showy summer and fall blooming plants that do well everywhere. Flowers open at four o'clock and close in the morning. Many beautiful colors. Choice Mixed—Pkt. 10c.

***FOXGLOVE (Digitalis)**

A hardy perennial, with bell-shaped flowers borne on long spikes, which come in shades of purple, lavender, rose and white, all spotted lightly inside the blossoms. Height 3½ feet.

1610—**Gloxiniasflora**—An extra fine strain of the ordinary Foxglove. Mixed—Pkt. 10c.

1612—**Butzer's Special Mixture**—A grand mixture of many colors. Pkt. 10c.

***GAILLARDIA**

For cheerful long lasting garden color, Gaillardias are indispensable. Good in any situation and easily grown. Average height 2 to 3 feet. Blooms from summer until frost.

1620—***Dazzler**. Large golden yellow flowers with rich maroon center. Blooms measure 5 inches across. Pkt. 10c.

1623—***Grandiflora Mixed**. Composite flowers variegated with shades of red and yellow. 12-15 inches. Pkt. 10c.

1625—***Portola Hybrids**. 2½-3 feet. The flowers are nearly 4 inches; brilliant scarlet intensified by golden yellow tip. Pkt. 10c.

1629—***Butzer's Special Mixture**. A grand assortment of all varieties. Excellent for cutting. Pkt. 10c.

GERBERA (Transvaal Daisy)

1645—**Jamesoni Hybrids**. 2 feet. Large daisy-like blossoms. Colors range from white to crimson, pink, rose, yellow and lilac shades. Flowers both summer and winter. Seeds should be sown in a protected location. Water sparingly. Pkt. 20c.

GERANIUM

These grow readily from seed the first year and produce blooming plants the first summer.

1649—**Zonale Varieties**. Saved from choice collection. Pkt. 15c.

***GEUM**

Geums are showy, producing a wealth of attractive flowers much prized for cutting. Excellent for border.

1653—**Lady Stratheven**. A delightful shade of golden double yellow flowers. Height 2 feet. Pkt. 10c.

1655—**Mrs. Bradshaw's Double Red**. 2 feet. Large bright orange-scarlet flowers. June-Sept. Pkt. 10c.

1657—**Prince of Orange**. A true rich orange, blooming in early summer. Pkt. 15c.

Those Marked * are Perennials

GODETIA

Attractive, bushy plants with masses of large, colorful blooms during the summer and fall, which thrive in partial shade and even rather poor soil. Excellent for beds or borders. 18 inches.

1679—**Sybil Sherwood**. 20 inches. Flowers are a lovely shade of salmon-pink with petals edged with white. Pkt. 10c.

- 1699—Double Carminea. 1716—Dwf. Double Mixed.
1707—Double Pink. 1694—Dwf. Single Mixed.
1711—Double Rose. Per pkt. 10c.

ORNAMENTAL GOURDS

Seeds should be sown about 1 inch deep, after all danger of frost, and the plants should be left ½ foot apart. Plant in full sun and keep soil moist—but not too wet.

- 1734—Large Varieties Mixed—Pkt. 10c; oz. 50c.
1735—Small Varieties Mixed—Pkt. 10c; oz. 50c.
1736—All Varieties Mixed—Pkt. 10c; oz. 50c.

GYPSOPHILA

Graceful plants of light fairy-like growth. The misty blooms add interest to a bouquet.

1740—**Elegans Grandiflora Alba** (Angel's Breath). An improved large-flowered variety of pure white. Easy growth. Pkt. 10c.

1746—**Elegans Rosea**. Soft pink. Pkt. 10c.

1750—***Paniculata** (Baby's Breath). 2-3 feet. July-August. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Pkt. 10c.

1758—***Pacifica** (Perennial). 4 feet. Withstands both severe winter and extreme heat. The seedlings form dense bushes with myriads of tiny pink blossoms. Pkt. 15c.

HELIOTROPE

1786—A well known plant with delightfully fragrant flowers. Excellent for pots or bedding. 18 inches. Choice Mixed—Pkt. 10c.

***HELLEBORUS (Christmas Rose)**

1791—**Niger**. 10 inches. Rare, interesting perennial, which blooms in winter or early spring. White flowers 2 inches in diameter. Pkt. 15c.

HELICHRYSUM

1816—A free flowering everlasting flower, growing 4 to 5 feet high and bearing beautiful straw-like flowers in a great variety of shades and colors. Stems are long and the blossoms large. Finest Mixed—Pkt. 10c.

***HEUCHERA (Coralbells)**

From a tuft of heart shaped leaves, graceful flower stalks rise, bearing flowers in clusters. Beautiful both in border and in rockery.

1821—**Sanguinea Hybrida Grandiflora**. 2 feet. Large flowers of all shades of red and coral pink. Pkt. 25c.

***HIBISCUS (Rose Mallow)**

Noble shrub-like plants, with handsome green foliage, bearing throughout the summer large bright flowers, from 3 to 5 inches in diameter.

1829—**Mixed Mallow Marvels**. Grand assortment. Pkt. 10c.

***HOLLYHOCK**

A hardy perennial of upright, stately growth, 5 to 8 feet high. The double and semi-double fringed types are extensively planted for backgrounds next to a building or high wall or fence.

- 1848—Scarlet
1851—Yellow
All of the above, per pkt. 10c.

1863—**Double Imperator Improved**. The blooms are composed of a very broad collar of frilled and fringed petals. Mixed Colors—Pkt. 15c.

1865—**Indian Spring**. Large individual flowers from pink to deep rose. Pkt. 15c.

HUNNEMANIA

1873—**Bush Eschscholtzia or Santa Barbara Poppy**. 1½ feet. Double. A golden yellow poppy, pleasing in the border and as a cut flower. Plants grow into shrubby bushes, producing large cup shaped flowers. Pkt. 15c.

IMPATIENS

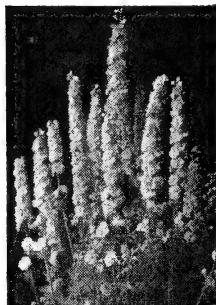
One of the best for pot culture and planting in a shaded location. Remarkable for duration of bloom.
1885—Holstii Hybrids. 1½ feet. Range from pink through red shades to purplish-violet. Pkt. 20c.

KOCHIA

1895—Standing Cypress or Belvedere. Forms a cypress-like hedge of the most lively green. By mid-summer, it attains a height of 3 feet and turns to a deep red in the autumn. Of easy culture. Pkt. 10c.

LANTANA

1905—Hybrida, Mixed. 2 feet. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer. They have an agreeable aromatic perfume. Pkt. 10c.

LARKSPUR GIANT IMPERIAL—4 feet

Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for florists' and general garden uses. June.

1925—Blue Bell. A delightful clear light blue.

1926—Blue Spire. Deep Oxford blue.

1928—Carmine King. Rich carmine.

1930—Exquisite Pink. Soft pink shaded salmon.

1932—Lilac Spire. Exquisite lilac colored spikes.

1934—Los Angeles Improved. Rich rose.

1936—Miss California. Rich deep pink on salmon ground.

1938—White Spire. Dazzling pure white.

1941—Rose City Mixed. A mixture of the newest larkspurs, including the new salmon shades.

1945—Special Mixture. A charming mixture containing all the bright and delicate shades. Makes wonderful cut flower material, and should be planted generally.

Each of the above, per pkt. 10c.

***LATHYRUS LATIFOLIUS**

Very decorative climbing vines of the Pea family, for growing on fences, trellises, etc., as floral screens and for cutting. Blooms all summer.

1950—Pink Beauty. Pale pink. Pkt. 10c.

1951—Rubra. Bright rosy crimson. Pkt. 10c.

1952—White Pearl. Large-flowering white. Pkt. 10c.

1955—Mixed. The above colors. Pkt. 10c.

LINUM

1983—Grandiflorum Rubrum (Crimson Flax). 2 feet. One of the most brilliantly colored of summer annuals, flowers glowing crimson-rose. Very beautiful in beds and borders. Pkt. 10c.

1986—*Perenne, Blue. Light blue flowers. May-Aug. Pkt. 10c.

LOBELIA

The compact class form bushy plants fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration.

1990—Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt. 10c.

Trailing Varieties

The following varieties are especially effective in hanging baskets or window boxes.

1994—Speciosa. 10 inches. Dark blue. Pkt. 10c.

1995—Sapphire. Large, deep blue flowers, with a pure white eye. Pkt. 10c.

2001—LUPINUS, RUSSELL HYBRIDS

The Russell Hybrid Lupines grow into well-rounded, well-branched bushes, each developing a number of extra-large spikes closely set with flowers. A beautiful range of colors including bicolor combinations. Pkt. 20c.

***LUPIN**

Most beautiful hardy border plants producing tufts of soft green foliage, from which arise in continuous succession the stately spikes of bloom.

2004—Polyphyllus (Old Fashioned Garden Lupin). 3 feet. Stately spikes of blue flowers all summer. Pkt. 10c.

2010—Mixed. Splendid value. Pkt. 10c.

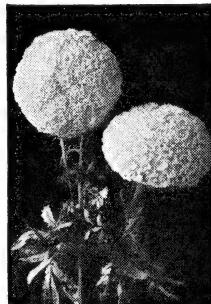
LUPINUS

2015—Tall Annual Varieties Mixed. 2 feet. Ornamental, free flowering, easily grown, with long graceful spikes of rich and variously colored pea-shaped flowers. Pkt. 10c.

2020—LUPINS HARTWEGI GIANTS MIXED. Annual Lupins are an old favorite, flowering freely without any special care. There are 5 or 6 long basal branched spikes to each plant, bearing closely placed giant blooms of dark blue, sky blue, rose or white. Pkt. 10c.

MARIGOLD

2027—Ferdinand (Tall Single Harmony Type). Showy, and attractive. The long stems bear 1½-inch flowers with a neat, round, crested golden center surrounded by rich mahogany guard petals, faintly fragrant. Pkt. 15c.



2029—Spotlight — French Dwarf Double Harmony. Compact, free flowering and extra early. Crested center of golden yellow, velvety mahogany guard petals. 12-14 inches. Pkt. 15c.

2035—Gigantea Sunset Giants. 3½-4 feet. A remarkable, extremely large, sweet scented flower on robust plants. Lovely shades from cream to deep orange. Flowers 5-7 inches in diameter. Pkt. 15c.

2037—Dwarf Gigantea Pot O' Gold. 15 inches. A very early variety bearing 4-inch flowers, full centered and 100 per cent double, fragrant and strikingly beautiful, bright deep golden orange. Bears 12 or more blooms at one time. Pkt. 20c.

2040—Harmony. Flowers in form suggesting a Scabiosa, are bright golden-yellow bordered with a rich maroon-red. Plants are about 12 inches high, and very bushy habit. Pkt. 15c.

2045—Dixie Sunshine. Large bell-shaped flowers composed of dozens of tiny five-petaled florets, gracefully interlocking, daintily fringed in effect. Brilliant golden yellow. Pkt. 10c.

2050—Yellow Supreme. A large bloom of honey fragrance, with broad, loose, frilled petals of rich lemon-yellow, of true "carnation flowered" type. Very choice and practically odorless. Pkt. 10c.

2052—Harmony Hybrid (French Dwarf Double). 11 inches. All the flowers have the familiar crested center, ranging in colors from a light yellow center with a deep mahogany border to a stripe in the yellow making a very attractive flower. Blooms 1¾ to 2 inches in diameter. Pkt. 25c.

Tall Double African

2114—Guinea Gold. 2 feet. Brilliant orange carnation-like flowers flushed with gold. Blooms 2 to 2½ inches across. Pkt. 10c.

2055—Lemon Ball. A counterpart of Orange Ball except in color, which is a soft lemon-yellow. Pkt. 10c.

2059—Orange Ball. Large, perfect, double-quilled flowers of a rich deep golden-orange; very showy. Pkt. 10c.

2067—Finest Mixed—Pkt. 10c.

Dwarf Double French Varieties

2091—Spry. 9 inches. The most profusely blooming of all marigolds. Mahogany red with yellow crested center. Pkt. 20c.

2096—Robert Beist. Dark brown and orange. Pkt. 10c.

2100—Finest Mixed—Pkt. 10c.

Those Marked * are Perennials

Dwarf Single French Varieties

2106—**Legion of Honor.** Flowers are golden yellow, spotted with crimson. Pkt. 10c.

2138—**Golden Orange.** An excellent border variety with round golden yellow flowers. Pkt. 10c.

2139—**Lemon Yellow.** A counterpart of Golden Orange, except in color, which is a soft lemon-yellow. Pkt. 10c.

2157—**Little Giant.** An attractive little Marigold with slender fernlike foliage and an abundance of dainty, single, golden orange flowers on plants 4 to 6 inches high with a spread of 8 inches. Pkt. 10c.

2075—**African Little Giants Mixed.** 15 inches. Compact plants bear 25 to 30 four-inch flowers from yellow to orange varying in form from the informal carnation to perfect ball shape. Pkt. 15c.

MATTHIOLA

2165—**Evening-scented Stock.** 15 inches. Lilac flowers which in the morning, evening and after a shower emit a delicious perfume perceptible at a distance. Pkt. 10c.

MIMULUS

2168—**Tigrinus (Monkey Flower) Queen's Prize, Single Mixed.** 1 foot. Dwarf bushy plants, with large Gloxinia-like flowers handsomely blotched and striped. Many colors. Does best in partial shade. Pkt. 15c.

MIGNONETTE

A well-known, old-fashioned flower highly prized for its fragrance, either in the garden or in mixed bouquets.

2170—**Bismarck (Reseda).** 1 foot. The red flowers are very large, the spikes dense, foliage crinkly, and its powerful fragrance is delicious. Pkt. 10c.

2173—**Sweet-Scented (Reseda Odorata).** An old-fashioned variety with small spikes, but very sweet scented. Pkt. 10c.

**MOONFLOWER**

Beautiful rapid annual climbers. Foliage very dense and in some kinds of remarkable shape.

2180—**Double Rose Marie.** A quick-growing, early free-flowering Ipomoea that is continuously loaded with clear deep rose, double flowers. Pkt. 20c.

2181—**Grandiflora Alba (Moonflower).** Large white blossoms, 5 to 6 inches across, which expand at night. Pkt. 10c.

2182—**Heavenly Blue Improved (Moonflower).** Sky-blue blooms. Of strong vigorous growth, quickly attaining the height of 12 to 15 feet. Pkt. 10c.

MORNING GLORY

2185—**Tall Mixed.** A great variety of colors of the old-fashioned, popular, rapid-growing climber. Pkt. 10c.

2191—**Setosa (Brazilian Morning Glory).** A summer climber, making a dense shade. Flowers rose colored usually 3 to 4 inches in diameter. Pkt. 10c.

2192—**Scarlett O'Hara.** An entirely new color in this popular flower—rich dark wine or deep crimson. Pkt. 20c.

NASTURTIUMS

These favorite and well-known flowers are not particular as to soil, fertility or cultivation. If you have an unsightly spot, plant Nasturtiums and convert it into a beauty spot. The dwarf varieties may be used for covering unsightly fences and banks.

Semi-Double Sweet Scented

2276—**Dwarf Golden Globe.** Identical in color with the popular Golden Gleam but dwarf and compact in habit. Pkt. 10c; oz. 15c.

2283—**Dwarf Gem Mixture.** The good-sized sweet scented double flowers come in an excellent color range. Pkt. 10c; oz. 15c.

2270—**Golden Gleam.** Large very double sweet scented flowers of an attractive golden yellow. Pkt. 10c; oz. 15c.

2273—**Orange Gleam.** Large, uniformly double flowers of deep golden orange, with a deeper shading at the center. Very free flowering. Pkt. 10c; oz. 15c.

2279—**Scarlet Gleam.** The fiery orange-scarlet flowers are fully double, very large, sweet scented. Pkt. 10c; oz. 15c.

2289—**Gleam Hybrids.** Large sweet scented double and semi-double flowers. Wide color range. Pkt. 10c; oz. 15c.

Single Nasturtiums

2225—**Dwarf Mixed—Pkt. 5c; oz. 10c; 1/4 lb. 30c.**

2253—**Tall Mixed—Pkt. 5c; oz. 10c; 1/4 lb. 30c.**

NEMESIA—1 foot

The orchid-like flowers range from rose to yellow, orange and blue. Free-blooming dwarf bushes for pot culture and open borders.

2295—**Large Flowered Mixed.** The finest strain for size and richness and variety of colors. Pkt. 10c.

NEMOPHILA (Baby Eyes)—6 inches

Very hardy and of easy culture. Makes a very effective front row to a bed or border.

2299—**Insignis Mixed.** Cup-shaped flowers in many bright colors. Pkt. 10c.

NICOTIANA

Sweet Scented Tobacco Plant. One of the earliest annuals to raise. The blossoms in shape are similar to a Petunia blossom, but with a longer tube.

2304—**Afinis.** Free flowering variety; fragrant waxy star-shaped white flowers; 3 feet high. Pkt. 10c.

2309—**Nicotiana Afinis Hybrids.** Mixed colors. Pkt. 10c.

NIGELLA

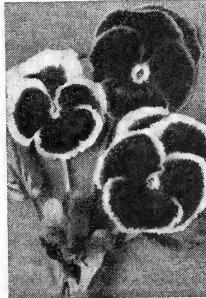
2315—**Love in a Mist, Mixed.** A compact free flowering plant, with finely cut foliage, curious-looking flowers and seed pods; hardy and of easy culture. Height 1 foot. Pkt. 10c.

2316—NIEREMBERGIA HIPPOMANICA

(Dwarf Cup Flower). 4-6 inches. Forms a cushion of elegant light green foliage from which emerge cup-shaped flowers of a delicate lavender hue, adorned with a clear yellow eye. Pkt. 25c.

***OENOTHERA**

2319—**Lamarckiana Evening Primrose, Mixed.** 1/2 to 2 feet with large, saucer-shaped flowers, open at dusk; emit a delightful perfume. Pkt. 10c.

PANSIES

2325—**Butzer's Rose City Giants.** Early flowering, robust plants, with long stems; huge five-spotted flowers of heavy texture in a remarkably beautiful range of colors, that appear almost double. Try this sensation this year. Per pkt. 25c; 5 pkts. \$1.

2328—**Butzer's Oregon Giant Mixture.** A mixture of special strains producing flowers of largest size and great substance in the most varied colors and color combinations. Per pkt. 10c; 1/4 oz. \$2.00.

2345—**Swiss Giants Mixed.** The gigantic flowers are of good substance and fine form. Bloom early in the spring until late fall. Pkt. 25c; 5 pkts. \$1.00.

2350—**Maple Leaf Giants Mixed.** Flowers are from 3 to 4 inches across under good cultivation. Of wonderful substance and fine form. Many charming colors. Pkt. 25c.

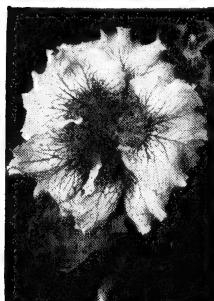
2370—*PASSIFLORA (Passion Vine)

A splendid perennial climber, with beautiful delicate flowers of peculiar formation. **Choicest Mixed.** Pkt. 10c.

Those Marked * are Perennials

*PENTSTEMON (*Beard Tongue*)

2327—**Sensation.** 2 feet. Produces large spikes of handsome Gloxinia-like flowers in the most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. Pkt. 10c.



throats, heavily marked colors. Pkt. 25c.

2384—**Dainty Lady** is a grandiflora single fringed variety of a distinct new hue in Petunias, a delicate golden-yellow. Pkt. 25c.

2400—**Rosy Morn.** Of compact growth and literally covered with flowers $1\frac{1}{2}$ inches in diameter. The throat is silvery white, while the edges are heavily flushed with soft rose-pink. Pkt. 10c.

2404—**Rose of Heaven.** Excels by its marvelous color—rich brilliant rose, white throat. Pkt. 10c.

2410—**Heavenly Blue Re-Selected.** A silvery light blue. Pkt. 10c.

2411—**Celestial Rose.** A beautiful rich satiny rose. Pkt. 15c.

2413—**Flaming Velvet.** A rich velvety crimson. Pkt. 15c.

2414—**Fine Mixed.** Excellent for bedding; many colors. Pkt. 10c.

Balcony Petunias

A splendid large and free flowering type either for window boxes, vases, hanging baskets, etc., the flowers average 3 inches across.

2424—**Balcony Black Prince.** Dark crimson, rich and velvety, remarkably even.

2425—**Balcony Blue.** Velvety indigo blue.

2427—**Balcony Rose.** Brilliant rose-pink.

2428—**Balcony Red.**

2429—**Balcony White.**

2433—**Balcony Mixed.** All colors.

Choice of the above, per pkt. 10c.

Portland Petunias

2439—**Pride of Portland.** Deep rose fringed.

2447—**Elk's Pride.** Plain, edged black-purple.

2450—**White Beauty.** Fringed, pure white.

2455—**Mixed.**

Choice of above, per pkt. 25c.

Double Petunias

2420—**Giant Double Fringed Mixed**—Pkt. 25c.

PHLOX

2482—**Nana Compacta Dwarf Mixed.** Much superior to other Phlox for ribbon borders and bedding. Plants are 8 inches high and covered with flowers during the whole summer and fall. Pkt. 10c.

Phlox Drummondi

Plant a bed of these beautiful annuals this year. If faded flowers are removed, they bloom until late frost.

2485—**Crimson.**

2487—**Dark Blue.** True blue.

2490—**Isabellina.** Yellow.

2494—**Rose.** Pink.

2497—**Violet.** With white eye.

2499—**White.**

2501—**Finest Mixed.**

Any of the above, per pkt. 10c.

2505—**Gigantea Art Shades.** A most wonderful range of soft colors blended together making a most beautiful mixture. Pkt. 15c.

Those Marked * are Perennials

*PHYSALIS

2515—**Franchetti (Chinese Lantern Plant).** 1 $\frac{1}{2}$ feet. Flowers yellow with dark center. Produces balloon-like husks, which turn bright red when ripe and resemble Chinese lanterns. Pkt. 10c.

*PINKS (*Hardy*)

2552—**Deltaides (Maiden Pink).** 6 inches. Beautiful little plants with narrow leaves, with a profusion of small flowers during July and August. Pkt. 10c.

2555—**Clove Pinks.** The delicately fringed, variously colored flowers are fragrant, attractive and fine for bouquets. Pkt. 10c.

2560—**Sweet Wivelsfield.** It has a great variety of color, and a long blooming season. Resembles the annual Sweet William. Magnificent bedding subject. Pkt. 10c.

*POPPIES

These gorgeous spring flowers, often 6 inches across, of vivid coloring, may be left undisturbed for years. They are beautiful with the tall bearded Iris.

2570—**Oriental Scarlet**—Pkt. 10c.

2573—**Oriental Hybrids Mixed**—Pkt. 10c.

Nudicaule (Iceland Poppy)

The bright colored flowers are borne on stems which rise to a foot above a tuft of fern-like leaves.

2578—**Empress.** Unique color range of salmon rose and pink tones. Pkt. 10c.

2580—**Emperor.** Finest giant orange variety with overlapping fluted petals giving effect of some-doubleness. Pkt. 15c.

Shirley Poppies

This variety has beautiful satiny flowers of various colors, all with white centers.

2640—**American Legion.** Brilliant orange scarlet. Pkt. 10c.

2648—**Shirley Mixed.** Beautiful flowers in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Pkt. 10c.

PORTULACA—Rose Moss

Portulaca makes a brilliant carpet for a sunny spot where a ground cover is needed. Flowers look like little roses and bloom abundantly. Makes a beautiful border.

2660—**Single.** Mixed colors. Pkt. 10c.

2665—**Double.** Mixed colors. Pkt. 10c.

2666—**Double and Single Mixed**—Pkt. 10c.

PRIMULA or PRIMROSE

These are about the first flowers that bloom in the spring. Their colors of blue, red and yellow are most attractive. Excellent for rock gardens and along shady paths. 8 to 12 inches high.

2670—***Primula Veris Coerulea.** Dark blue shades. Pkt. 20c. Crop Failure.

2674—***Primula Veris.** Red shades. Pkt. 25c.

2679—***Primula Butzer's Pride.** This is a strain of extra large flowered varieties, mixed of wonderful colors. Pkt. 25c.

2685—***Veris Polyanthus Mixed.** An extra choice large flowered mixed strain. Pkt. 10c.

2688—***Veris Acaulus Mixed**—Pkt. 10c.

2691—***Vulgaris (English Primrose).** Canary yellow, fragrant. Pkt. 15c.

2695—***Japonica Mixed.** Several superimposed whorls of flowers on stems 8-24 inches high. June. Pkt. 15c.

***PYRETHRUM (*Painted Daisy*)**

Their large flowers, well named Painted Daisies, blossom with the tall Iris and continue through June.

2708—**Extra Choice Double Mixed**—Pkt. 25c.

2713—**Hybridrum Double and Single Mixed**—Pkt. 10c.

RICINUS**Castor Oil Bean—**

Giant, strong growing plants 6 to 15 feet tall, with ornamental foliage. Commercial castor beans are of a different variety.

2743—**Sanguineus—Tricolor.** Has blood-red stalks and green leaves with red veins. Pkt. 10c; oz. 35c.

2746—**Zanzibarensis—Mixed.** A very large leaved variety, deep green and bronze. Pkt. 10c; oz. 35c.

2750—**Mixture of all varieties**—Pkt. 10c; oz. 35c.

*ROMNEYA

2755—*Coulteri* (California Tree Poppy). 5 feet. Flowers all summer. Beautiful snowy white fragrant flowers. Pkt. 15c.

SALPIGLOSSIS (*Painted Tongue*)

These showy, half-hardy annuals bear beautiful funnel-shaped flowers having dark veins in a ground which varies from white to crimson, yellow, orange, etc., and intermediate shades. Blossom from late summer until frost. 2 feet.

2785—*Extra Fine Mixed*. A choice mixture of large flowering varieties. Pkt. 10c.

SALVIA

The plants are showy and beautiful in beds or pots. The blossoms are borne on long stems in racemes or spikes. In fall until frost.

2790—*America* or *Globe of Fire*—16 inches. The freest and most continuous bloomer; also the most uniform in habit of growth, making it particularly valuable for bedding or ribbon borders. Pkt. 20c.

2793—*Clara Bedman* (*Fireball*), 2 feet. The spikes grow upright completely enveloping the plant and are of a most brilliant dazzling scarlet. Globular bushes. Pkt. 10c.

2796—*Salvia Splendens* (Scarlet Sage). 3 feet. Beautiful scarlet, large flowering. Excellent for filling large beds or borders. Pkt. 10c.

2799—*Zurich*. 18 inches. Early, brilliant scarlet spikes. Excellent for borders. Pkt. 10c.

SCABIOSA (*Mourning Bride*)

An important annual for cut flowers. Blooms on long slender stems, which are exceedingly graceful. Soft tones predominate.

2838—*Mixed All Colors*—Pkt. 10c.

2818—*Blue Cockade*. Pure deep azure blue. Pkt. 15c.

2819—*Blue Moon*. 4 feet. Large blossoms of conical shape of sky-blue tinged with lavender, borne on long strong stems. Pkt. 15c.

2845—**Caucasicus New Hybrids*. A collection of new shades in this well-known perennial variety. Pkt. 20c.

SCHIZANTHUS

2866—*Grandiflora Butterfly Mixture*. A strikingly bright mixture, with large flowers beautifully marked, on compact, free flowering 12 to 15-inch pyramidal plants. Pkt. 15c.

SNAPDRAGON

If you have found snapdragons difficult to grow, rust is probably responsible. Growing the Rustproof strain, difficulties disappear. Seeds germinate better, plants are more vigorous, the foliage clean, flowers large and of fine color and the flowering season prolonged.

Rust-Proof Maximum—Giant flowered. Spikes 32 inches tall, and blooms 2 to 2½ inches across.

2890—*Apple Blossom*. Rosy pink, yellow lip.

2893—*Copper King*. Velvetty copper scarlet.

2896—*Old Gold*. Deep golden yellow.

2899—*Purple King*. Deep glowing purple.

2902—*Snowflake*. Pure white, yellow tube.

2905—*The Rose*. Rose pink.

2910—*Finest Mixed*.

Per pkt. 15c.

Semi-Tall Sorts, 18 to 20 Inches

These are recommended for most beds and borders as they require no staking.

2938—*Black Prince*. Nearly black, small dark leaves. Pkt. 10c.

2970—*California Giant Mixture*—*Rust-Proof*. This comprises a fine full color range of popular colors including exquisite shades of pink, rose, apricot, bronze, orange, light and deep yellow, scarlet, crimson and white. Fine for border, cutting and florist use. Pkt. 20c.

2975—*Butzer's Special Mixture*. Includes all the above and many other charming varieties and a packet will furnish you with a never-ending color combination of long-stemmed cut flowers. Pkt. 10c.

*STATICE (*Sea Lavender*)

The annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, and is indispensable in making winter bouquets.

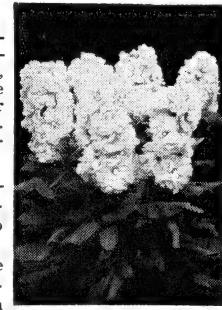
3005—*Sinuata Mixed*—Pkt. 10c.

*STOKESIA (*Cornflower Aster*)

3020—*Cyanea Mixed*. Large flowers resembling a single Aster, prefers a light soil and some winter protection. Blue and white. Pkt. 10c.

STOCKS

Double Early Giant Imperial or Improved Bismarck—26 inches. Branching plants, long stems, large double flowers, elegant in beds or pots and fine for cutting. Extensively used for greenhouse forcing.



3050—*Antique Copper*—Very fashionable art shade.

3053—*Buttercup*—Deep fine yellow.

3056—*Chamois Rose*—Rose with a distinct golden sheen.

3059—*Elk's Pride*—Rich royal purple.

3062—*Fiery Blood-Red*. Glowing shade.

3065—*Flesh*. Delicate light pink.

3068—*Lavender*. Strikingly beautiful.

3071—*Old Rose*. Fine deep fascinating color.

3074—*Shasta*. Enormous spikes of glistening white.

3080—*Bismarck Mixed*.

Any of the above separate varieties, pkt. 15c.

Giant Perfection "Cut and Come Again". 1½ feet. Splendid perpetual-blooming class. When other flowers are scarce, they throw out numerous side branches, all bearing very double, fragrant flowers.

3085—*Brilliant*. Blood red.

3088—*Creole*. Canary yellow.

3091—*Empress Augusta Victoria*. Silvery lilac.

3094—*Heatham Beauty*. Rose shaded terra cotta.

3103—*Rose*. Rose pink.

3106—*Sapphire*. Violet.

3109—*Snowdrift Early*. Pure white.

3115—*Finest Mixed*.

Price, any of the above, Pkt. 10c.

*SWEET WILLIAMS

Dianthus Barbatus—A well known attractive, free-flowering, hardy perennial, producing a splendid effect in beds and borders.

3440—*Dark Crimson*—Pkt. 10c.

3449—*Giant White*—Pkt. 10c.

3452—*Purple Beauty*. Bright deep purple. Pkt. 10c.

3455—*Pink Beauty* (*Newport Pink*)—Pkt. 10c.

3458—*Scarlet Beauty*. A charming and distinct color.

Pkt. 10c.

3460—*Giant-Flowered Single Mixed*—Pkt. 10c.

3462—*Giant Double-Flowered Mixed*—Pkt. 10c.

3465—*Midget Single Mixed*. Bushy compact plants about 6 inches tall covered with single flowers in a wide range of colors. Ideal for the perennial border. Pkt. 15c.

HAVE YOU NOTICED OUR
FLOWER AND VEGETABLE SEED
COLLECTIONS ON THE BACK OF
THE FRONT COVER?

Those Marked * are Perennials

SWEET PEAS—GIANT SPENCER

Culture—Early planting is advised so that they may bloom before very hot weather. Dig the soil deeply to allow deep rooting. Open a trench 4 to 6 inches deep, in which plant the seeds early in February and cover with an inch of soil and press it firmly. When up about 2 inches begin cultivating and gradually fill the trench until it is level. Do not allow the roots to become too dry; water at least twice a week.

Fall Planting—Sweet peas may also be started in October, November and December, planting 4 to 6 inches deep, but covering with 1 inch of soil and working a mulch of leaves over the top. They will become well rooted and grow up at the first opening of spring and produce an abundance of blooms earlier and for a longer season than spring plantings.

GATHER SWEET PEA BLOOMS FREQUENTLY; THE MORE YOU CUT THEM THE BETTER AND LONGER THEY BLOOM.

Named Varieties—Pkt. 10c; 3 pkts. your selection for 25c; oz. 25c; $\frac{1}{4}$ lb. 75c, postpaid.

3405—Cupid, Dwarf or Bedding. These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all colors. Pkt. 10c.

3200—Shirley Temple. A beautiful and popular soft rose pink, excellent stems. Pkt. 10c.

Ruffled Sweet Peas

3206—Ruffled Beauty. Cream-pink with a sheen of bright lilac.

3209—Ruffled Carmine. Lovely carmine-rose with a pastel-mauve sheen.

3218—Ruffled Primrose. The best primrose or cream.

3221—Ruffled Sparkle. Pure shade of cerise that glows softly.

3224—Ruffled White. Pure white flowers of gigantic size.

3227—Giant Ruffled Mixed. A mixture made up of the 8 named Ruffled Sweet Peas as well as other colors of which we do not have as yet sufficient stock to offer separately.

BLUE

3314—Mrs. Tom Jones. Bright delphinium-blue.

3332—Reflection. Clear Cornflower-blue.

CREAM

3262—Mastercream. Rich deep cream.

3263—Daffodil Improved. Deep cream.

3356—What Joy. Rich, deep primrose-yellow.

CRIMSON SCARLET

3251—Campfire. Vivid scarlet.

3256—Captain Blood. Intense brilliant blood scarlet.

3260—Crimson King. True crimson; very good.

3302—Huntsman. Strikingly bright scarlet.

3329—Red Boy. Rich bright deep crimson.

3338—Royal Scot. Scarlet-cerise with orange sheen.

LAVENDER

3232—Powercourt. Extra large lavender.

3233—Ambition. A beautiful lavender-lilac.

3236—Austin Frederick. Bright rosy lavender.

3294—Highlander. Clear lavender.

30c**BUTZER'S "ROSE CITY"
SWEET PEA COLLECTION****30c**

THIS COLLECTION CONTAINS ONE EACH OF THE FOLLOWING

DERBY DAY
Sparkling Crimson

HIGHLANDER
Clear Lavender

TANGERINE IMPROVED
Light Orange

DAMASK ROSE
Deep Rose with Carmine Sheen

GIGANTIC
Giant White

SPICY
Soft Shell Pink



A special garden size for peas, beans and sweet peas will insure you large, luscious peas and beans, and abundant sweet pea blossoms of gorgeous coloring. Price 10c

GIANT SPENCER LARGE FLOWERS, LONG STEMS AND FREE BLOOMING

TITHONIA

3480—**Speciosa Mexican Sunflower.** The flowers resemble a giant single Zinnia of a vivid orange-scarlet; borne on huge bushes with woody stems and large leaves with velvet bloom. Especially desirable for planting among shrubs. Pkt. 15c.

3481—**Speciosa Grandiflora Fireball**—8 feet. This flower is a very brilliant vibrant shade of scarlet orange, the petals in dazzling contrast to the clear yellow center. Single, very large, 5 inches in diameter. Grayish green woolly foliage. Start seeds inside and set out after all danger of frost. Pkt. 15c.

VENIDIUM

3515—**Fastuosum Hybrids**—2-3 feet. A new race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers. Pkt. 15c.

VERBENAS

Verbenas are free flowering annuals of low spreading growth, adapted for bedding, borders and small gardens. We offer the following in the Mammoth strain.

3520—Blue Shades.

3524—Helen Willmott. Salmon-rose, white eye.

3527—Purple Shades. Dark purple.

3530—Lucifer. Vivid scarlet-self.

3533—Gigantea Alba. Pure white. Very fragrant.

Above, each, pkt. 10c.



3552—**Hybrida Compacta** (Edging Variety). Very compact, dwarf and free flowering. Bright shades. Excellent for the annual rock garden. Mixed, pkt. 10c.

*VIOLA CORNUTA

There are few bedding plants so dependable, colorful and persistent in blooming over a long period as the tufted pansy. While the individual flowers are smaller than the regular pansy, they are produced in such profusion that the beds are a sheet of bloom through the entire season.

3572—**Lutea Splendens.** Chrome yellow. Pkt. 10c.

3574—**W. H. Woodgate.** Intense blue, bluest of all. Pkt. 25c.

3576—**Blue Perfection.** Deep bright blue. Pkt. 15c.

3580—**Jersey Gem.** Deep violet-blue. Pkt. 15c.

3585—**Cornuta Mixed.** Colorful blend of the above and others. Pkt. 15c.

*VIOLET

3587—A hardy perennial that does very well in shady places where other plants will not thrive. Their fragrance is delightful. Blooms early in the spring. Crop Failure. Pkt. 10c.

VIRGINIAN STOCK

French Forget-me-nots—Their fresh bright colors in edgings and beds produce a charming effect. Very fragrant and early blooming.

3590—**Mixed Colors**—Pkt. 10c.

WALLFLOWER

Very highly prized, old-fashioned plants grown largely for their fragrance; half-hardy perennial varieties; 1½ feet.

3623—***Single Finest Mixed**—Pkt. 10c.

3629—***Double Tall Branching.** Finest Mixed. 3 feet. Pkt. 10c.

Those Marked * are Perennials

3635—WILD CUCUMBER

The quickest growing climber on our list, attaining a length of 30 feet in one season. It is thickly dotted with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. It will quickly cover an old tree or an unsightly building. Pkt. 10c.

“WILD” FLOWER GARDEN

3637—“Wild Flower Garden Seeds” are a mixture of over 100 varieties of hardy flower seeds. Pkt. 10c.

ZINNIA (*Fantasy*)

3642—**Star Dust**—2½-3 feet. This deep golden-yellow selection will be a welcome to Zinnia lovers. The Fantasy type flowers have shaggy, ray-like petals. Pkt. 15c.

3644—**Wildfire**—2½-3 feet. A rich razzling scarlet which adds color and cheerfulness to the garden; free blooming. Pkt. 15c.

3645—**Fantasy Mixed.** This new Fantasy Mixture meets the demand in all details; the rounded flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance. The color range includes the brightest shades of reds and orange, as well as the popular pastel pinks and cream. Pkt. 15c.

ZINNIA—HOWARD'S GIANT CRESTED

3653—**Mixed Colors**—2 feet. Larger than Scabiosa Flowered—the flowers when well grown, measure 4 to 5 inches across, with a full rounded, cushion-like center of quill-like petals surrounded by broad guard petals. Many colors. Pkt. 15c.

ZINNIA (*Scabiosa Flowered*)

3655—**Mixed.** A new Zinnia much resembling the scabiosa. Flowers are 2 to 3 inches across, in many desirable colors and with stems suitable for bouquets. Pkt. 15c.

3656—ZINNIA CROWN OF GOLD

Super Pastel Tints—3 feet. This is a new collection of strictly pastel shades. Flowers are large and showy, 5 to 5½ inches in diameter. Pkt. 25c.

ZINNIAS (*Dahlia Flowered*)

The large size, fullness of petals, extraordinary color range, and good keeping qualities have all contributed to the popularity of this variety. The flowers resemble in appearance the Decorative Dahlia. Blooms 5 to 6 inches in diameter.

3660—**Canary Bird.** A delicate shade of primrose—very large and holds its color well. Pkt. 10c.

3662—**Crimson Monarch.** By far the largest and best of the red shades. Flowers often 8 inches in diameter. Plants very vigorous. Pkt. 10c.

3665—**Dream.** A fine deep lavender, turning to purple. Pkt. 10c.

3668—**Eldorado.** Beautiful shade of salmon apricot. Pkt. 10c.

3670—**Exquisite.** Light rose with center of a deep rose. Pkt. 10c.

3672—**Golden Dawn.** A beautiful golden yellow. Pkt. 10c.

3674—**Golden State.** A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom. Pkt. 10c.

3676—**Illumination.** Similar to Exquisite, but a striking self color of deep rose. Pkt. 10c.

3680—**Meteor.** A rich glowing red and the darkest of all the red shades. Very large. Pkt. 10c.

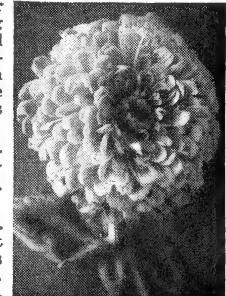
3682—**Oriole.** An immense orange and gold bicolor. Pkt. 10c.

3684—**Old Rose.** Real old rose shade. Pkt. 10c.

3686—**Polar Bear.** A very large pure white, the best white. Pkt. 10c.

3688—**Purple Prince.** Deep purple. Pkt. 10c.

3690—**Scarlet Flame.** A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. Not a bicolor. Pkt. 10c.



3694—Will Rogers. A large bright red flower. A Zinnia of long lasting quality and beauty, that stands out amongst the Zinnias as the memory of Will Rogers stood out amongst his fellow men. Pkt. 15c.

3700—Butzer's Special Mixture. A well blended mixture, containing all the above novelties. Pkt. 10c.

ZINNIAS (*Pompon or Liliput*)

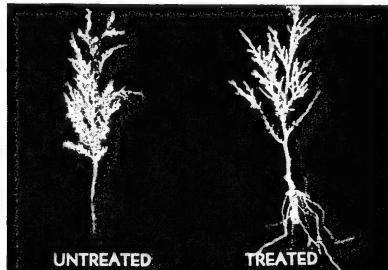
The plants form handsome little bushes and fairly bristle with tiny short-stemmed, very double flowers hardly exceeding a daisy flower in size. Bloom all summer until late fall. 12 to 16 inches.

3770—Canary Gem	3780—Salmon Rose Gem
3772—Crimson Gem	3782—Scarlet Gem
3774—Golden Gem	3784—White Gem
3776—Orange Gem	3790—Mixed
3778—Purple Gem	Any of the above, pkt. 10c.

3850—ZINNIA LILLIPUT TOM THUMB MIXTURE

Tom Thumb is without exception the very dwarfest Zinnia known. 4 to 6 inches high and literally covered with well formed flowers of Lilliput type. It includes the brighter shades as well as the pastel shades. A fine border plant and often used for window boxes. Pkt. 10c.

ROOTONE

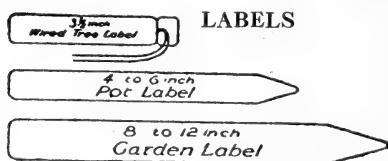


ROOTONE For Root Cuttings

Simply dip the cuttings at the base, singly or in bunches, into the Rootone powder up to an inch. Shake off the excess and place in the propagation bed of wet sand or peat moss and sand. Then follow usual propagation methods.

Trial Package	\$.25
2 oz. Jar	1.00
16 oz. Jar	5.00

LABELS



TREE LABELS

Copper, Wired and Painted

3 1/2-inch—40c per 100, \$3.00 per 1,000, postpaid

LABELS, Wood, for pot and garden plants

Size	100	1000	Size	100	1000
4 x 5/8 in.....	\$.30	\$ 2.00	6 x 5/8 in.....	\$.50	\$ 3.00
4 1/2 x 5/8 in.....	.35	2.25	10 x 7/8 in.....	1.75	10.50
5 x 5/8 in.....	.40	2.50	12 x 1 1/8 in.....	2.25	13.50

WEATHER-PROOF PENCILS

Used for writing labels on garden plants. Will not fade in sun or rain. Each 10c; 3 for 25c postpaid.

CUPID ZINNIAS

These are the smallest representative of the Zinnias. The plants grow but 1 foot tall and when in full bloom are literally covered with small, colorful blooms, 1 inch across. Excellent for edging.

3809—Finest Mixed—Pkt. 10c.

ZINNIAS—GIANTS OF CALIFORNIA

The great advantage of this type is that the very large flowers are of enormous size and flat, getting away from the conical type and eliminating the stiffness that has been so objectionable in Zinnias in the past.

3725—Cerise Queen. Beautiful cerise rose.

3728—Enchantress. Color same as Exquisite in Dahlia Flowered type.

3731—Miss Wilmott. Soft pink.

3734—Orange King. Burnt orange.

3737—Orange Queen. Golden yellow.

3740—Purity. White.

3743—Rose Queen. Striking bright rose.

3746—Scarlet Gem. Glowing scarlet.

3749—Violet Queen. Exquisite deep purple.

3760—Finest Mixed.

Price, any of the above, pkt. 10c.

DWARF DOUBLE ZINNIAS

This we consider the best Zinnia for bedding, forming bushy compact plants not over 2 feet high, bearing large perfect flowers.

3840—Mixed, all colors. Pkt. 10c.



"DOGZOFF"

Copyright 1933

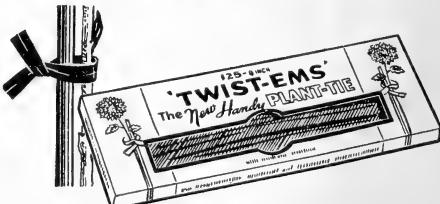
If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

"Dogzoff" is applied with any small insect sprayer and one application usually does the work.

"Dogzoff" will save its cost many times over around the garden and home.

PRICE FOR
SEASON'S SUPPLY **69c** PRE-
PAID

'TWIST-EMS' THE NEW HANDY PLANT-TIE



For plants, shrubs, vines, vegetables and for arranging flowers. Box 125, 8-inch size, 25c; box of 250, 4-inch size, 25c.

RAFFIA

Natural color, for nursery and garden work, also used for making baskets.

\$1.00 per lb., Postpaid

GLADIOLUS

The following is a selected list representing all types and colors. The hybridists have succeeded in producing great beauty in the modern Gladiolus, combining length of spike with beautiful symmetry and size of the individual blooms. Gladiolus may be planted when the ground is warm and there is no danger of frost. Any rich, light garden soil properly worked and exposed in full sunlight, will produce beautiful luxurious blooms. Set bulbs in trenches 2 to 4 inches apart, keeping the rows 12 inches apart to permit cultivation.

Aida (Pfitzer)—Deep blue with small reddish blotch. Early and large. **Each 6c; doz. 50c.**

Albatros (Pfitzer)—Large pure white with 6 to 8 blooms open. Blooms have a tendency to face up in the so-called lily form. **Each 6c; doz. 50c.**

Ave Maria (Pfitzer)—Medium blue with small purplish blotches. **Each 6c; doz. 50c.**

Bagdad—An unusual rich deep smoky old rose. **Each 6c; doz. 50c.**

Berty Snow (Mair)—Pinkish lavender often flecked darker. Quite popular. **Each 6c; doz. 50c.**

Betty Nuthall (Salbach)—Warm coral pink with pale yellow throat markings and a slight tinge of orange. **Each 5c; doz. 45c.**

Bill Snowden (Fallu)—Immense massive somewhat ruffled deep blood red. Usually flaked darker. Every one should grow it. **Each 7c; doz. 60c.**

Blue Triumphant (Pfitzer)—Immense very light silvery blue blooms with small dark blotch. Attractive. **Each 7c; doz. 60c.**

Bonnieville—Outstanding deep pink, yellow throat. **Each 6c; doz. 50c.**

Byron L. Smith (Kunderd)—One of the best; most refined lavender pink on white ground; extra fine as a cut flower. **Each 5c; doz. 45c.**

Commander Koehl (Pfitzer)—Large clear blood red. Tall straight spike. **Each 6c; doz. 50c.**

Coryphee (Pfitzer)—The most beautiful cameo pink Glad in existence. **Each 6c; doz. 50c.**

Debonair (Palmer)—LaFrance pink shading to shrimp pink with creamy throat. Medium large blooms. **Each 6c; doz. 50c.**

Dr. F. E. Bennett (Diener)—Fiery scarlet with white lines in the throat. **Each 6c; doz. 50c.**

Dr. Moody (Kinyon)—Very beautiful shade of lavender. Long spikes. **Each 5c; doz. 45c.**

Gate of Heaven—Choice deep yellow, large flowers, very sturdy plant. **Each 6c; doz. 55c.**

Giant Nymph (Coleman)—Unusually large light pink. Extra good cut flower. **Each 5c; doz. 45c.**

Gloriana (Betscher)—Rich salmon pink with creamy throat. Extra nice. **Each 5c; doz. 45c.**

Hinemoa (Doney)—Smoky rose with yellow throat. Very odd and bizarre. **Each 8c; doz. 70c.**

Joerg's White (Joerg)—Immense creamy white blooms on a good spike. **Each 6c; doz. 60c.**

Los Angeles (Houdyshel)—Beautiful shade of shrimp pink. Very early. **Each 5c; doz. 45c.**

Maid of Orleans (Pfitzer)—Beautiful milky white with cream throat. **Each 6c; doz. 50c.**

Margaret Fulton (Ogrodniczek)—Early. Clear rich soft dark salmon. **Each 6c; doz. 50c.**

Morocco (Pfitzer)—Large maroon, almost black. Six large blooms at a time. **Each 6c; doz. 50c.**

Mildred Louise (Wentworth)—Prevailing color a rich strawberry pink blending to pinard yellow in throat. **Each 6c; doz. 50c.**

Minuet (Coleman)—Wonderfully beautiful clear light pinkish lavender; five to seven heavily textured blooms open at once. **Each 6c; doz. 50c.**

Mrs. Leon Douglas (Diener)—Begonia rose striped with scarlet. Magnificent spikes. **Each 6c; doz. 50c.**

Mrs. Von Konynenburg (Pfitzer)—Good light blue, nice tall spike. **Each 5c; doz. 45c.**

Pelegrina (Pfitzer)—Large dark blue. Six or more perfectly placed blooms open with most of the remaining buds showing color. **Each 6c; doz. 50c.**

Pfitzer's Triumph (Pfitzer)—Large salmon scarlet. Wide open flowers. Attracts attention wherever shown. **Each 6c; doz. 50c.**

Picardy (Palmer)—A sensation. A Canadian variety of great beauty. Soft shrimp pink. Blotch of light flesh pink. **Each 5c; doz. 45c.**

Primrose Princess (Salbach)—Fairly tall clear primrose yellow. Lower petals darker. Long spike of well placed blooms. **Each 5c; doz. 45c.**

Prince of Wales (Alkemade)—A very attractive salmon pink and extra early. **Each 5c; doz. 45c.**

Rose Ash (Diener)—Pastel shade, ashes of roses. One of the most popular of the older smokies. **Each 5c; doz. 45c.**

Ruffled Gold (Goodrich)—Ruffled golden yellow. An early flowering variety. Very pretty. **Each 5c; doz. 45c.**

Senorita (Salbach)—A clear wide open orange, lower petals a bright orange yellow penciled with scarlet. Very attractive. **Each 6c; doz. 50c.**

Shirley Temple—Immense ruffled cream, tall spike with many open blooms. **Each 10c; doz. \$1.10.**

Smiling Maestro (Christ)—Large deep salmon rose flaked darker. **Each 7c; doz. 60c.**

Victor—Large bright scarlet with striking white throat. **Each 6c; doz. 50c.**

White Butterfly (Kunderd)—The best and most dainty pure white Prim. **Each 5c; doz. 45c.**

Yvonne (Krelage)—Blush white with soft cerise spot in the throat. Large blooms. **Each 6c; doz. 55c.**

BUTZER'S "ROSE CITY"

Mixture of Large Flowered

GLADIOLUS

All Extra Selected Large Bulbs

No Second Size

We have assembled an assortment of distinct choice named varieties into a carefully distributed mixture. This collection is entirely our own, in which we take a reasonable pride.

By Mail, 50c per doz.; \$3.00 per 100.

ALL OF ABOVE PRICES POSTPAID. NO DISCOUNT ON GLADIOLUS.

BUTZER'S Dollar Assortment

of *Gladiolus*

80 ASSORTED BULBS FOR **\$1**

These are Medium or Flowering size bulbs of the finest named varieties only. Each assortment put up separate by hand containing from 1 to 5 bulbs each of 20 different varieties, 80 bulbs in all, but none labeled. Not a cheap mixture, but a collection of the best, priced so that you can afford to plant them liberally, and still have something really choice. We guarantee them to please you. Cultural directions enclosed with each order.

OREGON GROWN ROSE BUSHES

"THE WORLD'S BEST"—ALL TWO-YEAR FIELD GROWN AND BUDDED

No. 1 Grade—Selected Stock, 65c each, 10 for \$6.00

POSTAGE IS ADDITIONAL—10c for first bush and 3c for each additional bush shipped at same time.

Angele Pernet—Semi-double reddish apricot.

Augustus Hartman—Brilliant geranium red flushed orange; very large, well-formed flowers.

Austrian Copper—Copper scarlet. Single.

Autumn—Mingled shades of burnt orange and red.

Christopher Stone—Large semi-double vivid scarlet flowers.

Condessa De Sastago—Fiery copper and rich gold.

Cynthia—Rich oriental red; free flowering.

Dainty Bess—Slender, single blooms of a soft rose-pink color.

Dame Edith Helen—Pointed buds of brilliant pink.

E. G. Hill—The most unfading of all red roses. Long lasting when cut.

Edith Nellie Perkins—Salmon-pink and cerise-orange. Buds long and pointed.

Editor McFarland—Long-pointed pink buds with a glow of amber and a paler edge. Fragrant.

Etoile de Holland—Brilliant red blooms with beautiful oval buds. Quite fragrant.

Frau K. Druschki—Pure white, outer petals of buds occasionally tinged with pink. Everblooming.

Golden Dawn—Buds of a rich straw yellow, opening to a beautiful well-formed fragrant, double sunflower yellow.

Golden Emblem—Beautiful long buds of brilliant yellow striped with crimson on the outer petals.

Golden Ophelia—Deep golden yellow flowers of medium size.

Golden Rapture—Beautiful, large, double yellow flowers, which last without fading.

Grenoble—Large, globular crimson buds.

Hadley—Rich crimson with velvety texture, very fragrant. Beautiful foliage and mildew proof.

Hinrich Gaede—Beautiful long, pointed buds of a brilliant nasturtium red.

Joanna Hill—A slender daintily colored variety of orange yellow. Moderately fragrant.

K. A. Victoria—Pearly white, tinted with lemon in center.

La France—A silvery rose, changing to pink.

Lady Hillingdon—Deep apricot yellow, long and pointed bud. Flowers are of good substance.

Los Angeles—Rich flaming pink, shaded golden yellow. The most popular rose grown.

Margaret McGredy—Orange scarlet or brick red. Beautiful foliage and stout stems.

McGredy's Ivory—The buds are long and pointed, opening to perfectly formed flowers of creamy ivory-white.

McGredy's Scarlet—Brilliant red petals on hinges of deep gold. An exceptionally fine rose.

McGredy's Yellow—Large, bright buttercup yellow flowers, of perfect form. Sweetly scented.

Mme. Edouard Heriot—A pure coppery color, with buds of coral red, shaded with yellow at the base.

Mme. Joseph Perraud—Long, slender, and pointed nasturtium orange buds. Fragrant.

Mrs. Aaron Ward—Indian yellow, washed salmon rose; buds small but beautifully formed.

Mrs. Dunlop Best—Pointed saffron-yellow buds, with dull apricot shadings, opening to rich, reddish apricot flowers of great beauty.

Mrs. P. S. Dupont—Small buds exquisitely formed of a reddish gold.

Mrs. Sam McGredy—Large double bloom of orange salmon, with a suffusion of gold.

Old Gold—Coppery red; a very fine and popular rose.

Ophelia—Flesh pink, shaded with rose. Large beautifully formed buds.

Picture—Well shaped buds and medium-sized fragrant, rose-pink flowers.

Pink Dawn—Buds are a glorious deep rose opening to lovely pink blooms tinted with orange at the base of the petals.

President Hoover—Combines many shades of cerise-pink, flame, scarlet, and yellow. Long, beautifully formed buds.

Shot Silk—Gold and orange buds opening to semi-double flowers of coppery rose shot with golden yellow.

Southport—Flower full, cupped, very lasting, fragrant, a very brilliant, unfading scarlet.

Sister Therese—Buds are long, dark golden yellow. Sweetbriar fragrance.

Talisman—Combination coloring of gold, apricot, pink and carmine in mingled splashes, streaks and blends. Double.

OREGON GROWN ROSE BUSHES

"THE WORLD'S BEST"—ALL TWO-YEAR FIELD GROWN AND BUDDED

No. 1 Grade—Selected Stock, 65c each, 10 for \$6.00

POSTAGE IS ADDITIONAL—10c for first bush and 3c for each additional bush shipped at same time.

SELECTED CLIMBING ROSES

Cl. American Beauty—Bud large, globular; flower double and intensely fragrant. Crimson-carmine.

Cl. Cecile Brunner—Flowers perfectly double, exquisitely formed but tiny and borne in clusters. Color is a salmon-pink shading deeper toward center.

Cl. Etoile de Hollande—Brilliant red blooms with beautiful oval buds. Quite fragrant.

Cl. Gardenia—Well formed, creamy white flowers, with yellow center. Buds are long and pointed.

Cl. Mme. Greg. Staechlin—Bud is long and pointed; large flowers, moderately fragrant, purplish pink, with vivid center, reverse silvery carmine.

Cl. Paul's Scarlet—Flower medium size, semi-double, vivid scarlet, shaded with bright crimson. Very profuse.

Cl. President Hoover—A wonderful multi-colored rose, charmingly combining many shades of cerise-pink, flame, scarlet and yellow.

Cl. Reveil Dijonnais—Large, semi-double flowers of light yellow with a deep zone of cerise-pink around the edges.

Cl. Talisman—Flowers are the same wonderful color and lovely form as the bush variety.

PATENTED ROSES

Apricot Queen (Pat. No. 464)—Long-pointed buds; petals are a beautiful orange and apricot at the base, merging to salmony rose and phlox-pink. Vigorous. Each \$1.25.

Charlotte Armstrong (Pat. No. 455)—Long slender, blood-red buds opening to magnificent flowers of spec-trum-red. Each \$1.25.

Crimson Glory (Pat. No. 105)—Bears long urn-shaped buds opening into full, well-formed, delightfully fragrant blooms of a deep vivid crimson. Each \$1.

Control Garden
Pests with this
Quick, Easy,
NEW
HARCO
SPRAYER



Plants blighted? Prevent and kill destructive garden pests with new, proven HARCO, only professional-type Sprayer priced so low. Quickly sends insecticide into tops of tall shrubs, reaches undersides of small plants, penetrates hard-to-reach places—easy as pie to use. Durably made, trouble-free. No dripping. Enjoy a healthy garden—win praise for its beauty. \$2.35 complete, F. O. B. Portland.

Eclipse (Pat. No. 172)—Long, stream-lined buds, enhanced by ornamental sepals, are of a beautiful rich gold without shading. Each \$1.25.

Heart's Desire (Pat. No. 501)—Long unfurling petals of deep heart red; exquisitely fragrant. Each \$1.50.

McGredy's Salmon (Pat. No. 410)—Delightfully fragrant flowers of a beautiful shade of apricot-pink. Each \$1.50.

McGredy's Sunset (Pat. No. 317)—Flowers are of a medium size, full and shapely. Petals are a clear buttermilk yellow, tipped orange on the outside, and chrome-yellow, flushed with scarlet on the inside. Each \$1.25.

Pearl S. Buck (Pat. No. 423)—Pointed orange buds opening to a deep yellow with tinges of apricot. Each \$1.50.

R. M. S. Queen Mary (Pat. No. 249)—The long buds open to lovely blooms of salmon-pink, suffused with orange. Each \$1.00.

Saturnia (Pat. No. 349)—Flowers are a brilliant cardinal-red with reverse petals salmon-yellow and copper. Each \$1.00.

Sequoia—Ripe pumpkin-flesh blooms suffused with apricot and shading lighter at the petal edges. Each \$1.

Sterling (Pat. No. 21)—A magnificent flaming pink flower of superb form in bud. The base of the bloom is yellow. Each \$1.00.

Texas Centennial (Pat. No. 162)—Flowers are blood-red, toning to cerise red in the center. Each 75c.

The Doctor—Buds are long and pointed and of an exquisite silvery pink, uniform in color both in bud and open flower. Intensely fragrant. Each \$1.00.

Treasure Island—Bud large, long-pointed; flower large, double, high-centered; lasting, flaming coppery pink, inside of petals light salmon, shading to orange at base, on strong stems. Each \$1.00.

Will Rogers (Pat. No. 256)—Color is black velvety crimson-maroon. Extremely fragrant. Each \$1.00.

PEST CONTROL MADE EASY



THE HAYES JR. SPRAY GUN

takes all labor out of spraying and insures 100% coverage. Insecticide is thoroughly mixed before leaving nozzle; adjustable nozzle sprays up, down or sideways; sends fine stream 20 feet high to spray trees; uses any insecticide soluble in water; put enough insecticide in the glass jar to make 3 gallons according to manufacturer's formula, fill with water, thoroughly mix, attach to garden hose and spray; no moving parts; non-corroding metals used. F. O. B. Portland.

Each \$5.95

FRUIT TREE DEPARTMENT

ADD POSTAGE at rate of 10c per tree within 1st and 2nd Zones

APPLES

	Each	10
2-year old	\$.60	\$5.00
1-year-old, 3 to 4 feet.....	.40	3.50
1-year-old, 4 to 6 feet.....	.50	4.00

Summer Varieties

Gravenstein—Large, beautifully dashed with deep red and orange; tender and crisp. August.

Red June—Medium size. Brilliant red; flesh white; ripens early.

Yellow Transparent—Early, abundant bearer. Flesh tender and juicy, white. July to August.

Winter Varieties

Baldwin—Large, rounded; bright red; very productive; crisp, fine flavor. November to February.

Delicious—The famous “Five-point” apple. Fruit large, brilliant dark red skin; flesh fine grained, crisp and juicy. November.

Jonathan—Medium to small. Yellow skin nearly covered with lively red. Fine grained and tender. November to April.

King—Large; striped red and yellow. Vigorous. October to November.

Northern Spy—Large, round, greenish yellow, stripes of purplish red; flesh white, juicy, brisk sub-acid. December.

Ortley—Large, oblong, yellow. Flesh white, tender; juicy; fine grained. November.

Rome Beauty—Large, yellow, shaded with bright red; juicy and sub-acid; good bearer. November.

Spitzenberg—Large, oblong; yellowish ground with broken stripes of bright red; flesh yellowish, juicy. November.

Stayman Winesap—A seedling of the Winesap. Yellow striped with red.

Yellow Newtown—Large; skin smooth, golden yellow; flesh firm, crisp, juicy. December.

Winesap—Medium; dark red; prolific bearer. Excellent keeping qualities.

CRAB APPLES

Nice stocky trees, each 60c

Hyslop—Large, deep crimson; tree hardy, fine for the West. November, January.

Red Siberian—Yellow with scarlet cheek. Bears young and abundantly. September.

Transcendent—Very large, yellow striped. Very productive and good for cider. September.

NECTARINES

Selected Trees, 75c Each

The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Pungent, sprightly flavor.

Boston—Large, deep yellow, bright flush; flesh yellow, very rich and luscious. Best for Oregon. August.

Early Violet—Medium; skin pale, shaded violet; flesh white; good. July.

APRICOTS

Each Per 10

4 to 5 feet	\$.60	\$5.50
3 to 4 feet .....	.50	4.50

Blenheim—Deep orange, sometimes blushed; tender, rich and juicy. Last of June.

Lewis—This is the largest, best yielding, and best flavored apricot. July, August.

Moorpark—Very large, yellowish green, brownish red on the sunny side; flesh bright orange. July, August.

Royal—Above medium size; sweet, rich, juicy; good dryer and canner. July.

Tilton—Large; rich color, high flavor; very productive; similar to Royal; later. July.

SOUR CHERRIES

Nice Trees, Each 60c

Early Richmond—Medium, dark red, melting, juicy, sprightly, rich acid, best. A dependable cropper. June.

English Morello—Fair size, blackish red, rich acid, juicy, good. August.

Large Montmorency—Large, red, productive, ten days later than Early Richmond. Late June.

May Duke—Large, red, juicy, rich; its acidity pleasantly tempered to the advantage of sensitive teeth. June.

SWEET CHERRIES

Sweet varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 feet apart. The Sour varieties are dwarf and bush, bear earlier, and are more largely planted. Set trees, 15 to 18 feet apart.

	Each	Per 10
3 to 4 feet	\$.60	\$5.00
4 to 6 feet .....	.70	5.75
2-year old .....	.75	

Bing—Fruit large, dark brown or black; very fine; late; good shipping variety. July.

Black Republican—Black, sweet, with purplish flesh; late and a good shipper. June.

Black Tartarian—Large size. Flesh purple. Crisp, tender and juicy. Late May.

Gold Cherry—A new sweet cherry, fine for preserving or Maraschino.

Lambert—Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; fine for market. Mid-July.

Royal Ann—Pale yellow with bright red cheek; firm; juicy; sweet. Good shipper and canner.

PRUNES

Each Per 10

3 to 4 feet	\$.50	\$3.75
4 to 6 feet .....	.60	4.75

Italian (Fallenberg)—Medium, oval tapering at both ends; dark purple; flesh greenish yellow.

Improved Petite—Medium size, egg-shaped; violet purple; sweet, rich and sugary; very productive.

Silver—Very large and of superior flavor.

New Standard (Burbank Production)—Skin purple with a heavy blue bloom; flesh amber or honey yellow, fine grained, juicy, very sweet and a perfect freestone.

Coates 1418 (Date or Saratoga)—Sweet, nearly as large as the Italian. Excellent dryer.

Sugar Prune—A large, dark purple, very sweet prune. Excellent for home use.

PLUMS

Each Per 10

4 to 5 feet	\$.60	\$5.25
3 to 4 feet .....	.50	4.50

Abundance—Fruit large and beautiful; bright cherry; flesh light yellow; juicy, tender, sweet; productive; freestone. June.

Burbank—Medium; globular; cherry red, with lilac bloom; flesh yellow; bears very young. Late June.

Damson (Shropshire)—Medium size, dark purple; very firm; flesh greenish, juicy and rich. Vigorous. Late September.

Green Gage—Small round; flesh pale green, melting and juicy; freestone. Mid-July.

Peach—Very large; skin brownish red, slightly coarse grained, but juicy; freestone; very popular. July.

Satsuma (Blood Plum)—Large, dark red from skin to pit, small, firm and juicy; tree productive. Early July.

PEARS

	Each Per 10
4 to 5 feet	\$.60 \$5.75
3 to 4 feet .....	.50 4.00
2-year old .....	.75 7.25

Summer and Autumn Varieties

Bartlett—Large size; sometimes has red blush. Buttery; juicy; fine flavored. Popular for canning. Sept.

Bosc—Large, beautiful, russety; highly flavored; fine for shipping. September.

Buerre D'Anjou—Large, handsome, fine flavor; heavy bearer; keeps till Christmas. September.

Comice—A splendid commercial variety, being of fine size; good appearance; ships well. October.

Winter Varieties

Winter Bartlett—Shape similar to Bartlett. Good keeper. December to February.

Winter Nellis—Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor.

PEACHES

	Each Per 10
4 to 6 feet	\$.60 \$4.75
3 to 4 feet .....	.45 3.75

Early Crawford—Very large, yellow, with red cheek; flesh sweet and excellent; freestone. August.

Early Elberta—Ripens about a week earlier than Elberta; otherwise the same or trifle better.

Elberta—Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; freestone.

J. H. Hale—Smooth skin, almost fuzzless. Very firm; yellow freestone; flesh tender, excellent quality. Extremely large. Shipping and canning.

Late Crawford—Very large, roundish; yellow, with dark red cheeks; flesh deep yellow, juicy and melting; flavor rich and excellent; freestone.

Mayflower—Beautiful red all over; extremely early; freestone. Last of June.

Muir—Large, pale yellow; very firm and sweet; best for drying; freestone. August.

Salway—Creamy yellow, red cheek; flesh deep yellow; red at the pit; rich and sweet; freestone. A standard late peach. Late September.

Tuscan Cling—Very large; yellow, blushed red. Vigorous and strong grower. July and August.

QUINCES

First Grade, 4 to 6 feet, each 60c

Champion—Large, yellow; flesh cooks very tender; flavor is most delicious. October.

Pineapple—Flavor suggestive of the pineapple; the fruit resembles the Orange quince; can be eaten raw. September.

Orange—Large roundish, somewhat irregular with a small and short neck at the base; fine golden yellow flesh and of excellent flavor.

THE NEW BOYSENBERRY

The finest vine berry yet developed. Large, dark red, excellent for canning and shipping. Plant 6 feet apart in rows 6 feet across.

Price, each 15c; 10 for \$1.00; 100 for \$7.00. Add postage.

YOUNGBERRY

A berry crossed between the Logaberry and the Dewberry. Exceptionally fine flavored, very productive. Plant 8 feet apart in rows seven feet across. 800 plants per acre.

Prices—Each 15c; 10, \$1.00; 25, \$2.00; 50, \$3.00; 100, \$5.00. Add postage.

CURRANTS

Each 15c; 10, \$1.25. Add Postage.

Perfection—New; largest and most prolific currant; bright red, rich flavor, mild sub-acid; no currant can approach it in yield.

Cherry—Very large, deep red, fine for preserving; valuable market variety.

Fay's Prolific—Bright red, very sweet, stems longer than Cherry and fruit hangs on better than most varieties.

GOOSEBERRIES

Oregon Champion—Berries very large, pale green color; and fine for table use and pies; not very thorny and very prolific. Each 15c; 10, \$1.25. Add postage.

RED RASPBERRIES

St. Regis—Everbearing. Berries bright crimson, large size, rich sugary. Each 15c; per 10, \$1.25, postpaid.

Cuthbert ("Queen of the Market")—Very large, conical berries; excellent for shipping; flavor is sweet, rich and luscious. Leading market variety.

	Each Per 10	100
1 year	\$.10	\$.75 \$3.00
Add Postage.		

BLACK RASPBERRIES

Cumberland—A healthy, vigorous grower, large and firm. Good keeper and excellent shipper. Mid-season.

Munger—Large, black, hardy and productive. One of the very best.

	Each Per 10	100
2 years	\$.25	\$2.25 \$20.00
1 year .....	.20	1.50 12.50
Add Postage.		

LOGANBERRY

Transplants (2-year, extra strong)—Prices, each 25c; doz. \$2.25, postpaid. Not prepaid, each 20c; doz. \$2.00.

NUT TREES

GRAFTED FRANQUETTE WALNUTS

We offer a splendid strain of Franquettas, the best variety for this section, grafted on four-year California Black Walnut—sturdy, thrifty trees with big fibrous roots. The best to plant. Comes to bearing much younger than seedling walnut.

These are too large to be sent by parcel post.

	Each	Dozen	lots
8 to 10 feet	\$1.75	\$1.65	
6 to 8 feet		1.50	1.40
4 to 6 feet			1.30 1.20

FILBERTS

Plant more of them

Barcelona—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush. 2 to 3 feet. Each 75c; 10, \$6.00.

Du Chilly—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by $\frac{3}{4}$ of an inch; full fleshed and sweet; best grown as low standard. Special prices on large orders. Du Chilly is a good pollinator for Barcelona. 2 to 3 feet. Each 75c; 10, \$6.00.

GRAPE VINES

One-year old, each 20c; 10, \$1.50, postpaid
Write for special price in larger quantity.

CAMPBELL'S EARLY

Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower. August.

CONCORD

Large, black grape; bunches compact; berries round, sweet and pleasant. August.

NIAGARA

Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet; vine vigorous and productive; one of the best white grapes. September.

WORDEN

Bunch very large and compact; berry large, black; an improved Concord. Late August.

A New Grape for the Northwest

CROATIAN BLUE

Here is an imported grape that likes the Oregon climate. Last year on a branch 21 inches long were 10 pounds of largest, finest and sweetest grapes we ever saw. These are grown by P. Pintarich of this city. He tells us that these grapes grow as well here as they did in the old country. Price, while they last, 30c each; 10 for \$2.25, postpaid.

ADD POSTAGE at rate of 10c per tree within 1st and 2nd Zones

REMEMBER—It is Not a Home Until It Is Planted**DECIDUOUS SHADE TREES**

We have a fine assortment of shade trees. All are good hardy varieties of trees that will do real well east or west of the Cascade mountains. The varieties we have selected and which we grow are the best for both localities.

American Linden. 4 to 6 ft. \$1.00; 3 to 4 ft. 85c.

Hawthorne (Paul's Scarlet)—A small erect tree with bright scarlet flowers, followed by dull red berries. 3-4 ft. 75c; 4-6 ft. 90c; 6-8 ft. \$1.25.

Horse Chestnut—A handsome tree of regular form with showy foliage and covered in the spring with panicles of white flowers marked with red. 6-8 ft. \$1.75.

Norway Maple—A large handsome tree, with broad, deep green foliage; has a very compact growth; a valuable tree for parks, lawns or streets. 4-6 ft. 90c; 6-8 ft. \$1.20.

Common Black Locust—A rapid growing tree; will thrive in any soil; flowers in long pendulous racemes, white and fragrant. 4-6 ft. 80c; 6-8 ft. \$1.00.

Carolina Poplar—Very strong growing tree of broad, columnar shape. Does not produce the annoying "cotton" of the native cottonwoods. 6-8 ft. \$1.00; 8-10 ft. \$1.25.

Lombard Poplar—In shape this is the exclamation mark among trees. Its towering spire has an individuality all its own. For tall screens and backgrounds, this tree is admirable. 6-8 ft. \$1.25; 8-10 ft. \$1.50.

Oregon Maple—A most graceful tree, with wide-spreading branches and large foliage. Very rapid growth. 6-8 ft. \$1.25.

Western Catalpa—Western variety, rapid growth, a very large leaf. It also is hardy and will stand below zero weather. 3-4 ft. \$1.00; 4-6 ft. \$1.25; 6-8 ft. \$1.50.

American Elm—A magnificent tree growing 80 to 100 ft. high with drooping, spreading branches; one of the grandest of our native trees; makes a beautiful lawn or street tree. 6-8 ft. \$1.25; 4-6 ft. \$1.00.

FLOWERING SHADE TREES

The varieties of flowering shade trees which we have listed here are suitable for either east or west of the Cascade mountains. All are good and hardy and will stand zero weather.

Tulip Trees—These have a very large leaf. Trees aren't very fast growing. 3-4 ft. \$1.25.

Bliriana Plum—Purple leaf plum, a beautiful flower in the spring. 3-4 ft. 75c; 4-6 ft. \$1.00.

Triloba Flowering Plum—Purple leaf all summer and a small rose flower in the spring. 3-4 ft. 75c; 4-6 ft. \$1.00.

Flowering Crabs — Five varieties. Neidzwetskyana (red vein, red blossom), Bechtel (delicate pink), Scheideckeri (double pink), Carmine (brilliant red), and Medevinsci (purple colored flower, fine). 3-4 ft. \$1.00.

Prunus Pissardi—This has purple leaf all summer, is the oldest type of purple leaf tree. Beautiful upright shape. 3-4 ft. 75c; 4-6 ft. \$1.00.

Flowering Peach—Red or pink. 3-4 ft. 75c; 4-6 ft. \$1.00.

Flowering Quince—2-3 ft. \$1.00.

Japanese Weeping Cherries—Beautiful trees. Single and double varieties; selected trees. 5-6 ft. \$1.60; 6-7 ft. \$1.80; 7-8 ft. \$2.20. Select 6-year-old trees, each \$4.50.

Cut Leaf Weeping Birch (White)—One of the best shade trees for lawn and street. 3-4 ft. 90c; 4-6 ft. \$1.20; 6-8 ft. \$1.60.

Japanese Flowering Cherry—Wonderful tree for specimen or group planting. The large, double pink, long-stem flowers borne in large clusters enable this tree to stand out as one of the best flowering trees. 3-4 ft. \$1.00; 4-6 ft. \$1.25.

Sycamore Maple—Extra large foliage, very hardy. 6-8 ft. \$1.50; 4-6 ft. \$1.25; 3-4 ft. \$1.00.

Russian Mulberry—These are fine shade trees, medium size, leaf quick growing. 3-4 ft. 90c; 4-6 ft. \$1.25.

Sugar Maple—A very fine upright growing tree; makes wonderful shade. 3-4 ft. 85c; 4-6 ft. \$1.25.

Chinese Elm—One of the fastest growing trees, small leaf, beautiful tree for quick shade; it is ornamental. 3-4 ft. 75c; 4-6 ft. \$1.00; 6-8 ft. \$1.50. Write for quantity price.

Weeping Willow—Green variety, the one mostly planted. A beautiful fast growing tree, will grow most any place. 4-6 ft. \$1.20; 6-8 ft. \$1.50.

European White Birch—A slim shade tree, dark green leaf, for yard or lawn. 4-6 ft. 90c; 6-8 ft. \$1.25.

Mountain Ash—This is a beautiful tree for your home, either front or back yard. It has a red berry in the fall and winter. 4-6 ft. \$1.00; 6-8 ft. \$1.50.

Red Bud—Shade. Produces mass of rosy-pink flowers. Early spring. 2-3 ft. \$1.00; 3-4 ft. \$1.25.

Boxelder—This is the old time box elder. Fast growing. 3-4 ft. 75c; 4-6 ft. \$1.00.

HARDY CLIMBING VINES

Vines are useful in many ways. They give quick results when planted on a new place, before trees and shrubs become established. For covering fences, rocks, walls, banks and trellises, they are peculiarly adapted. A porch without a vine is desolate and incomplete.

Veitchi (Boston or Japan Ivy)—The now famous Japan or Boston Ivy used so extensively to cover brick or stone buildings. The foliage is dense, completely carpeting a surface, and the autumnal tints of green and red are unsurpassed for beauty. Large plants, each \$1.00.

Chinese Purple Wisteria (W. Sinensis)—One of the best of the Wisterias; rapid growing and elegant, attaining 15 to 20 feet in a season; flowers a pale-blue, borne in long pendulous clusters in May and June. Large plants, each \$1.75.

Quinquefolia (Virginia Creeper)—Eastern U. S. common American Ivy; luxuriant foliage, assuming gorgeous colors in autumn. Large plants, each 75c.

Clematis Jackmani—This variety is better known than any other, and still stands as one of the best. It is a strong grower, and produces a mass of intense violet-purple flowers four to six inches in diameter, from July to October. Each \$1.00.

Firethorn—Good variety to plant next to your home, very hardy orange colored berries. Beautiful in fall and early winter. Green foliage. Large plants, each \$1.50.

ADD POSTAGE at rate of 10c per tree within 1st and 2nd Zones

ANTROL—The National Ant Control

The Antrol system is composed of small glass containers and a special formula of syrup. Ants transmit the mild poison to the queen in the nest and soon the entire colony is destroyed.

READY-FILLED ANTROL SET

The ready-filled Antrol Set consists of four patented glass feeders filled with Antrol. This set has the advantage over the regular set of being ready to use as purchased. Price, 40c, postage extra.



ANTROL ANT TRAP

Kills both sweet and grease eating ants, as it contains two kinds of specially prepared materials. Ready to use by simply punching out the perforations on the side of the can. Most effective and lasting ever devised.

Antrol Ant Traps—ready to use—each 10c.



ANTROL ANT POWDER

Here is a new scientifically prepared ant, roach and silverfish powder that kills pests quicker. It is ideal for use wherever quick protection is needed. Easy to use—shaker top. 2-oz. can 15c; 4-oz. can 25c; 5-lb. can \$3.25. Postage extra.



WHALE OIL SOAP (Fish Oil)

This is not only an excellent insecticide for killing plant lice and fungus growth, but should be mixed with most all liquid sprays as it causes the spray to adhere much better to the leaves. 1 lb. 35c. Write for quantity price.



Frost can't harm. Insects can't touch. Rain can't hurt your plantings. Keeps a perfect mulch around plants and prevents ground crusting. Cost less than a cent a plant. Increased profits pay for them. Good for the home gardeners on small plots, too.

1,000 lots, \$11.00; 5,000 lots, \$10.75 per M; 250 pkg. with Setter, \$3.50; 100 pkg. with Setter, \$1.90; 25c Home Garden pkg., 50c.

Germaco

Hotkaps



GAS BALLS—For Gophers or Moles

For the extermination of Ground Squirrels, Gophers, Prairie Dogs and Moles.

SAFE — SURE — ECONOMICAL

Will not explode. Do not deteriorate. No danger to livestock, domestic fowls or wild game.

Hold the exterminator in mouth of squirrel's burrow, light the sharp edge with torch or match, after the ball is ignited and burning freely roll it as far as possible into the burrow. Cover the hole with clod of dirt, then with enough fine dirt to seal tightly so that none of the gas fumes can escape. Throw no fine dirt on the burning ball. Dozen 45c, postpaid.

"Five Cents Saves Five Dollars"



This Rodent Destroyer is in the form of a paper cartridge. After setting the fuse alight, place the cartridge down in the burrow and the pests are gassed. Package of one dozen 80c, postpaid.

PLANT PROTECTORS



For the control of the Cabbage Maggot the use of Keepway Tarred Plant Protectors will give a 90% to 100% protection against the cabbage maggot on cabbage and cauliflower plants. These tarred protectors are placed about the stem of the plants on top of the ground after transplanting. The maggot fly is repelled by the tar smell, and consequently no eggs are deposited.

This pad retains its efficiency until the plant is matured. Also it acts as a mulch in retaining moisture in the soil around the roots of the plant.

The size of these protectors is 3 inches by 3 inches, put up in packages, postpaid, priced as follows: Pkg. of 24, 10c; 72, 25c; 144, 45c; 500, \$1.25; 1,000, \$1.95.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by *1898* with
NITRAGIN 1898

SINCE 1898

ALFALFA
RED CLOVER
SWT. CLOVER
COWPEAS
PEAS
VETCH
A. W. PEAS
SOYBEANS
LESPEDEZA
PEANUTS
BEANS
ALL
LEGUMES

BUILD UP YOUR SOIL Inoculate Your Legumes With **NITRAGIN**
Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA

Sweet Clover, Bur Clover,

Hubam Clover

Size	Retail
1/2 bu. ea.....	\$.30
1 bu. ea.....	.50
2 1/2 bu. ea.....	1.00

CLOVERS

Medium and Mammoth

Red, Alsike, Crimson and

White Clovers

1/2 bu. ea.....	\$.30
1 bu. ea.....	.50
2 1/2 bu. ea.....	1.00

PEAS (All Varieties)

VETCHES (All Varieties)

1/2 bu. ea.....	\$.25
1 bu. ea.....	.35
1 1/2 bu. ea.....	.50
2 1/2 bu. ea.....	3.50

BEANS

String, Wax, Kidney

1/2 bu. ea.....	\$.25
1 bu. ea.....	.35
1 1/2 bu. ea.....	50

NITRAGIN — Oldest and Most Widely Used Inoculator in America

LESPEDEZA Hulled or Unhulled

Size	Retail
Small (Inoculates up to 50 lbs. seed) .	\$.35
Large (Inoculates up to 100 lbs. seed) .	.50

LIMA BEANS, COW PEAS and PEANUTS

Small (Inoculates up to 120 lbs. seed) .	\$.30
5 bu. ea.....	.55
25 bu. (one can) ea. .	2.50
30 bu. (one ctn.) ea. .	3.25

(Contains 6-5 bu. cans)

SOYBEANS (All Varieties)

Small (Inoculates up to 120 lbs. seed) .	\$.30
5 bu. ea.....	.55
25 bu. (one can) ea. .	2.50
30 bu. (one ctn.) ea. .	3.25

(Contains 6-5 bu. cans)

GARDEN SIZE

Garden Peas and Beans

Sweet Peas and Lupines

Enough for 6 lbs. seed
Retail Price 10c each.

NITRAGIN — Oldest and Most Widely Used Inoculator in America

STOP DAMPING-OFF!

Your tender seedlings,—unprotected,—are helpless before the widely rooted fungi that are strangling below-soil plant life. Protect them!

A few cent's worth of Cuprocide's seed protection may make a great difference in your crop yields and profits.

COAT YOUR SEEDS WITH
The Red Copper Oxide That Stays Red



1/4-lb. can 35c

1-lb. can 90c

The Standard Red Copper Oxide

CUPROCIDE

Will sow Timothy, Clover, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Millet and all other grains and seeds perfectly even, and any desired amount to acre, and from 40 to 60 acres a day.

Price \$2.60
Add Postage.



SEMESAN JR.

(New Improved)

A less expensive but equally effective form of Semesan for dry dust disinfection of seed corn only. Controls diseases and at the same time increases yields from 10 to 14 per cent. 1-lb. tin 75c; 5-lb. tin \$3.25; 25 lbs. \$14.00. Postage extra.

SEMESAN BEL

Applied to whole or cut seed potatoes, either as a dry powder or in liquid form. Semesan Bel will prevent or control the common seedborne potato diseases. Also very effective in treatment of Gladioli and other bulbs, and produces healthier plants. 2 oz. 30c; 1-lb. tin \$1.65; 5-lb. tin \$7.15. Postage extra.

CERESAN

New Improved Ceresan is unusually effective in controlling smut in grains. It frequently improves the stand and yield of grain 1 to 5 bushels per acre. Also used for treating Narcissus bulbs, Cotton seed, Sorghums, Peas, Flax and Millet. 1-lb. 80c; 5 lbs. \$3.40. Postage extra. Free descriptive booklets sent upon request.



SEMESAN

A seed, plant and soil disinfectant. It will successfully prevent or control diseases of seeds without in the least impairing their vitality, but on the other hand generally increases germination, invigorates seedling growth, and develops sturdier plants. Semesan will also prevent or control the "Brown Patch" of lawns, the "Damping-off" of seedlings and cuttings, and certain soil-borne diseases. Treatments can be made in dust or liquid form. 2 oz. tin 40c; 1-lb. tin \$2.50; 5-lb. tin \$11.40. Postage extra.



INSECTICIDES AND FUNGICIDES, Etc.



**The Leaf-green Dust
An Easy, Effective Way to
PROTECT YOUR ROSES**

and other Flowering Plants Against Insects and
Fungus Diseases Without Making the
Treatment Conspicuous

POMO-GREEN with NICOTINE (The Leaf-Green All-in-One Dust)—A combination material which controls all fungous diseases and kills both eating insects and aphids. Requires no supplementary material for complete disease and insect pest control on all flowering plants. Leaf-green in color and never unsightly on plants. Both dusting and spraying directions on cans. **Lb. 75c; 5 lbs. \$3.00. Postage extra.**

S-W SUMMER MULSION

An up-to-date, highly refined summer oil emulsion, in convenient flowable form. Will control certain scale, white fly, red spider, mites and other pests found on foliage. **1 pt. 50c; 1 qt. 70c. Add postage.**

S-W WINTER MULSION

A dormant oil emulsion which has been extensively used by universities, tree experts, orchardists and others for the control of those insects and insect eggs present on trees and shrubs when not in foliage. **1 pt. 35c; 1 qt. 50c; 1 gal. \$1.00. Add postage.**

META-NOX

A recent scientific discovery for the extermination of slugs, snails, etc. When used as a bait acts as an attractor and poison. The most successful means of control for snails and slugs that has been developed in modern years. **1 lb. 25c; 2½ lbs. 50c; 10 lbs. \$1.75.**



For destroying and preventing maggots, grubs and worms that infest turnips, radishes, beets, rutabagas, cabbage and cauliflower, etc., also recommended for combating crown borers in strawberries. **½-pt. 50c; pt. 75c; qt. \$1.25; gal. \$2.75. Add postage.**

NAPHTHALENE

For Use in Treating Soil for Insect Pests

Used by truck gardeners, bulb growers and for field crops to drive away grubs, wire-worms, slugs, centipedes, aphids, etc. Safest, most powerful insect repellent that can be used in quantities at low price. In granulated form, with strong odor like moth balls. Has been used in Europe for years. Drives off caterpillars, stupifies insects. Use it mixed in the soil according to directions. Send for full information.

Prices: **1½ lbs. 25c; 5 lbs. 60c; 10 lbs. 90c. Postage extra. Write for prices on quantity.**

CROTOX—BIRD AND RODENT REPELLENT

will protect your corn during the growing season by ridding your fields of crows, pheasants, blackbirds and other corn pullers—from squirrels, woodchucks, moles, gophers, wire-worms, grub-worms, etc. They positively will not touch corn that has been treated with Cro-Tox. It does not kill birds or animals but is repellent to them—they will not go near corn that has been treated with Cro-Tox. It cannot injure seed in any manner. It will not clog any planter.

Pint Can, Treats 2 bushels of seed corn—\$1.00.

One-half Pint Can, Treats 1 bushel of seed corn—60c.

S-W ARSENATE OF LEAD

A stomach poison spray for the control of leaf eating insects such as caterpillars, beetles, slugs, apple and pear worm, etc. May be applied either as a dust or as a liquid spray. **1 lb. 35c; 4 lbs. \$1.20. Add postage.**

S-W ARSENATE OF CALCIUM

This product may be used as a dust or as a spray for the control of potato beetle, cabbage worm, tomato worm and other resistant beetles and caterpillars. It is also extensively used in making poisoned baits for the control of cutworms, snails, slugs, sow bugs, army worms, strawberry weevil, grasshoppers, etc. **1 lb. 25c; 4 lbs. 60c. Add postage.**

S-W DRY LIME-SULFUR

A complete fungicide-insecticide, which controls San Jose scale, red spider and mites, curl leaf of almond, peach and nectarine, apple and pear scab, and many other insects and diseases. **S-W Dry Lime-Sulfur is a full strength liquid lime sulfur from which the water has been evaporated. 1 lb. 35c; 5 lbs. \$1.55.**

S-W PARIS GREEN

A stomach poison that means quick death to potato bugs, army worms, cut worms, grasshoppers and other resistant insects. Because of the quick action of this product it is extensively used for the making of poison bait, for the control of the above and other garden pests. **½ lb. 25c. Add postage.**

S-W PESTROY

A combination stomach poison and fungicide, spray or dust, for the effective control of leaf-eating insects and fungous diseases found on growing flowers, vegetables and shrubs. Sold in one pound sifter-type containers. **½ lb. 25c; 1 lb. 35c. Add postage.**

**SHERWIN-WILLIAMS GARDEN SPRAY
GUIDE FREE ON REQUEST**



1 oz., 6 gals spray....\$.36	2 lbs., 150-500 gals. \$3.70
5 oz., 25-100 gals..... 1.06	5 lbs. 6.90
1 lb., 80-250 gals..... 2.50	10 lbs., 800-2500 gals. 11.65

NEW EVER GREEN SPRAY

is a liquid spray. This provides an easy way to kill garden insects and ants. Its deadly pyrethrum content kills a wide range of insects that eat leaves, destroy blossoms, or suck sap. This is non-poisonous to man or animal and will not injure the tenderest blossoms. Simply mix New Ever Green Spray with water and it is ready for use. It is mailable. Prices not prepaid; **1 oz. bottle, 35c each; 6 oz. can \$1.00.**

SNAROL

A meal that quickly destroys cut-worms, sow bugs, earwigs, grasshoppers, snails and slugs.

Merely sprinkle Snarol around and under planted vegetation. Insure them against destruction. Will not in any way destroy plants and rain does not destroy its value.

Look over your premises at once—note if any of these pests are present. If so, take steps immediately to destroy them for they quickly multiply, and once they become active they will soon overrun your grounds.

PRICES—SNAROL

1-lb. pkg. (for small area)	\$.25
2½-lb. pkg. .....	.50
6-lb. pkg.	1.00
10-lb. pkg.	1.50

ADD POSTAGE



ORTHO
REG. U.S. PAT. OFF.
GARDEN & HOME
PRODUCTS

ANT-B-GON
Dispensers
Feed alluring,
uncontaminated
Poison constantly

For Argentine and sweets-eating ants. One or two sets of dispensers are enough for average home.
Set of four 1-oz. Dispensers.....60¢
Ant Poison to refill dispensers (Refill every three to four weeks):
4-oz. Bottle....20¢ 16-oz. Bottle....50¢
1/2-gallon Bottle.....\$1.50

BUG-GETA BAIT. The sensational bait that attracts and kills Slugs, Snails, Cutworms, Sowbugs, Earwigs, Grasshoppers and Strawberry Root Weevil.
1-lb. Carton....\$.25 12-lb. Bag....\$1.75
2 1/2-lb. Carton....\$.50 30-lb. Bag....3.75
6-lb. Carton.....1.00

EXTRAX Insect Spray. The complete, easy to use, home garden insecticide. Use it on vegetables, too. For use against Aphids and many other garden insects. Economical—most dosages use one teaspoonful to a gallon of water.
1-oz. Bottle....\$.35 16-oz. Bottle....\$2.75
4-oz. Bottle....1.00 1/2-gal. Bottle....7.95

GREENOL Liquid Fungicide. For Powdery Rose Mildew. Contains Spreading and Wetting agents. Use with "EXTRAX" for combination insect and disease spray. 16 ozs. makes 100 gals. diluted spray.
1-oz. Bottle....\$.35 16-oz. Bottle....\$1.50
4-oz. Bottle....\$.60 1/2-gal. Bottle....3.95

SCRAM
DOG REPELLENT
A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use.
Does not harm animals.
8-oz Shaker.....49¢

A More Beautiful GARDEN
To work in . . . To talk about . . . To show your friends
INSURE SUCCESS WITH ADEQUATE PROTECTION

VOLCK Nursery & Garden Spray. Envelopes, penetrates and smothers sucking insects like Scale, White Fly, Mealybug and Red Spider. Also a spray carrier and supporting agent for other sprays. Generally diluted 4 tsp. to 1/3 pt. per gallon.
4-oz. Bottle....25¢ 1/2-gal. Bottle....\$1.25
16-oz. Bottle....50¢ 5 gallons.....5.00

GARDEN VOLCK Spray. Has a penetrating "VOLCK" base. Contains Nicotine which increases insecticidal value for more complete spray against sucking insects. Not a spray carrier.

4-oz. Bottle....35¢ 1/2-gal. Bottle....\$2.50
16-oz. Bottle....85¢ 5 gallons.....10.00

ORTHO
ROSE SPRAY KIT
SPECIAL COMBINATION OFFER. Contains 2-oz. bottle "EXTRAX" for Aphids and other insects and 2-oz. bottle "GREENOL" for use against Powdery Rose Mildew. Makes 12 gallons spray. Complete Kit.....\$1.00

KLEENUP Winter Spray. An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture against Peach Leaf Curl and Peach Blight.
16-oz. Bottle....39¢ 5 gallons.....\$4.95
1/2-gal. Bottle....85¢

CONTAX Pruning Paint. Protect all cuts with this modern plastic pruning and grafting composition.
1-pt.....35¢ 1-qt.....60¢

CALTOX Insecticide Dust. Shaker carton makes it easy to use against Sowbugs, certain Beetles, Caterpillars and Worms.
8-oz. Shaker.....35¢ 20-ozs.....60¢

ORTHO Rodent Destroyer. Kills Gophers, Rats, Squirrels and Mice. Made by patented formula. Strychnine is impregnated in grain and fruit pellets . . . Poison doesn't wash out.

6-oz. Carton....30¢ 1-lb. Carton....60¢

NEW!
BUG-GETA
PELLETS
Compressed
BAIT



For use against Snails, Slugs, Cutworms, Sowbugs, Earwigs, Grasshoppers and Strawberry Root Weevil. Half as much bait goes twice as far . . . Easier to use—just scatter on wet ground—cleaner to handle and more economical.

12-oz. Carton....\$.25 5-lb. Carton....\$1.00
2-lb. Carton....\$.50 25-lb. Bag....3.60

ORTHO EARWORMICIDE. It costs only 35¢ and takes very little effort to keep the worms out of 120 ears of sweet corn. Leaves no objectionable residue.

4-oz. Bottle....35¢ 16-oz. Bottle....75¢

ORTHO Earwig Bait. Guard against Earwig infestations which can become a menace to health. Prepared on a government formula.

2 1/2-lb. Bag.....50¢ 6-lb. Bag....\$1.00

OTHER FAMOUS SPRAY PRODUCTS

FLOTOX Sulfur....26-oz. 25¢ 4 lbs. 50¢

Bordeaux Mixture. 1-lb. 35¢ 4 lbs. 90¢

Calcium Arsenate 1-lb. 25¢ 4 lbs. 60¢

Lead Arsenate (Basic).....1-lb. 35¢ 4 lbs. 90¢

Lead Arsenate (Standard).....4 lbs. 90¢

BOTANO
GARDEN DUST

"15!" A multipurpose

pesticide for use against

Aphis and many other in-

sects and diseases. Duster

package, pump dust right

on the plants. Gardeners

like it for vegetables

because it leaves no poi-

sonous residue.

10-oz. Duster.....49¢

20-oz. Refill Carton....79¢

THESE ARE THE "MUST HAVE'S" FOR EVERY GARDEN

"EXTRAX"

for use against
NUMEROUS
GARDEN INSECTS

"GREENOL"

for use against
POWDERY
ROSE MILDEW

"BUG-GETA"

for use against
SLUGS, SNAILS
CUTWORMS

"ANT-B-GON"

for use against
ARGENTINE AND
SWEETS-EATING ANTS

ALSO ASK FOR Free "ORTHO" GARDEN SPRAY GUIDE

LILLY'S PRODUCTS

WOOF! WOOF!
WOOFLES!



**LILLY'S NEW
IMPROVED
DOG FOOD**

Your dog requires only a little food but its life and well-being depend upon that little being properly proportioned in nutritive and body-building materials and health-giving vitamins and minerals. Woofles is a complete dog food containing the proper balance of proteins, carbohydrates, fats, vitamins and minerals. Feed your dog the modern economical way.

Woofles Granular Meal—For puppies and grown dogs, to be fed as a moist, crumbly mush.

Woofles Cubes—For grown dogs, to be fed dry.

Woofles Kibbled—For puppies and grown dogs, to be fed as a moist, crumbly mush.

Any of the above: Per lb. 15c; 2 lbs. 25c; 10 lbs. \$1.00; 25 lbs. \$2.25. Add postage.

MORCROP FOR FARM AND GARDEN USE—There are offered under this brand a number of different formulas in which the content of the three principal elements, nitrogen, phosphoric acid and potash, is varied in proportion to the requirements of the crop for which they are intended and to balance the constituents in the soil to which they are applied. Some of these formulas are: 3-10-7; 3-10-10; 5-6-8; 5-10-10; 6-10-4; 3-10-20; the figures indicating in each case nitrogen, phosphoric acid and potash in the order named. *Write for prices.*



LILLY'S LUX MORCROP—A very well balanced "All Purpose Fertilizer" for general use around the home. High enough in nitrogen to produce a vigorous growth and properly balanced as to phosphates and potash to provide the substance to carry crops to maturity. If your potatoes have been small, your berries inclined to be seedy, and your truck or vegetable crops have lacked that punch along toward the end of the season, then you should begin using Lux Morcrop. It is rich in plant food, containing 5% nitrogen, 6% phosphates and 8% potash, and feeds readily through any type of fertilizer distributor. *Write for prices.*

ACID MORCROP—An acid fertilizer especially for rhododendrons, camellias, heathers, azaleas, mountain laurels, andromedas, huckleberries, blueberries, native ferns, etc. *Write for prices.*



LILLY'S GO-WEST BAIT (With Metaldehyde)—This product is a specific eradicator for strawberry root weevil, black vine weevil, vegetable weevil, cut-worms, slugs, snails, and leaf eating insects. It is made of flakes of sweet apple, impregnated with an effective poison, which remains effective for many days—rain or shine. Complete instructions accompany every purchase. **1 lb. 25c; 10 lbs. \$1.50; 50 lbs. \$3.50. F.O.B. Portland.**

MORCROP TABLETS FOR MILADY'S HOUSE PLANTS—Highly concentrated, complete fertilizer in tablet form for convenient application. Odorless, clean and quickly water soluble. The action is rapid and both foliage and bloom is improved. Equally effective in the garden. **Pkg. 10 tablets 10c; 30 tablets 25c; 250 tablets \$1.00.**

BARFOOT

For

- Flowers
- Trees
- Vegetables

For

- Plant Pests
- Plant
- Diseases

The answer to your insect and fungus control problems. Will not clog pores, stain or burn plants. "ALL PURPOSE MIX" for both plant insects and diseases: 1 teaspoonful BARFOOT SPRAY, 1 teaspoonful BARFOOT SPREADER, and 1 teaspoonful BARFOOT FUNGICIDE to 1 gallon of water, and PRESTO! You're ready to go to work. Used and recommended by leading horticulturists in the West. Excellent for ROSES!



BARFOOT ROTENONE

SPRAY

Controls lawn moths, aphis, thrip, red spider, mealy bugs, green worms, beetles, caterpillars, scale, squash bug, etc.

1 oz.	\$.35
4 oz.	1.00
	(Makes 25 gals.)
8 oz.	1.75
Pints	2.50



BARFOOT SPREADER

A scientific chemical compound especially designed for use with Barfoot Rotenone spray. Insures even distribution and dissolves insect protection.

1 oz.	\$.15
4 oz.	.35
	(Makes 25 gals.)
8 oz.	.65
Pints	1.00



BARFOOT FUNGICIDE

For powdery mildew control on ornamental plants. For leaf curl on peaches and nectarines.

1 oz.	\$.25
4 oz.	.75
	(Makes 25 gals.)
8 oz.	1.25
Pints	2.00

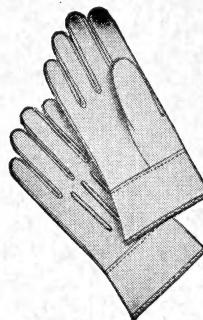
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KREME SKIN

GARDEN GLOVES

Protect Your Hands
with these

SOFT LEATHER GLOVES



Specially designed to give you everything you want in a garden glove.

All-Leather; Soft as Kid; Dirt-Proof; Easy to Wear; Durable; Washable

Being all-leather Kreme Skin gloves give complete protection against dirt, scratches, bruises, stains, infection. Yet their amazing softness and pliability, the result of a special processing, make them extra comfortable. Cling to the hands and practically give you BAREHAND FREEDOM.

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for GARAGE, HOUSEWORK, PAINTING, YARD, FURNACE, etc. Sizes for women, 6, 7 and 8. Price \$1.10 a pair. Postage extra.

GRAFTING WAX

Repellent to bees, $\frac{1}{4}$ -lb. 20c; $\frac{1}{2}$ -lb. 30c; 1 lb. 50c.

STIM-U-PLANT

PLANT STIMULANT TABLET

A highly concentrated odorless fertilizer for the vegetable and flower garden, shrubs and house plants.

30-tablet pkg. 25c; 100-tablet pkg. 75c; 1000-tablet pkg. \$3.50, postpaid.

New Convenience..Same Amazing Results ...



is the good news Swift brings to you who want beautiful house plants. Vigoro, the complete 11-element plant food is now available in convenient tablet form. Order a box ...24 tablets... 10c

OLD TRAPPER RAT KRUNCHES

Non-poisonous to humans, domestic animals and poultry.

Over 75 baits for 30c postpaid

RED STAR POISONED RAISINS

An effective poison, very easily used, to kill moles and gophers. Just allow one or more teaspoonfuls of poison to fall into runways after having located them.

Price 8 ozs. 30c, postpaid



ARBOLA

The Disinfecting White Paint

THE POWDER OF MANY USES

FOR POULTRY HOUSES, AS A WHITEWASH, AND DISINFECTANT

Dust a few ounces of Carbola—just as it comes in the package—in your poultry house once a week to keep it free from lice, mites or disease germs, thus insuring you of healthy fowls and better egg production. As a whitewash, it is easily and quickly applied to building interiors with brush or spray pump. Does not blister, flake or peel off. Effectively used in cellars to prevent cobwebs and mustiness. One pound will cover 100 sq. ft.

1-lb. pkg.	\$.25	25 lbs.	\$2.15
5-lb. pkg. ....	.65	50 lbs.	3.80
10-lb. pkg.	1.10	Prices Not Postpaid.	

1000 Bird size—2½ lbs. \$5.40
500 Bird size—1¼ lbs. 3.00
250 Bird size—10 oz. 1.90
100 Bird size—4 oz.90
50 Bird size—2 oz.50



This famous tonic GETS THE EGGS no matter how cold or wet the weather. Easily given in the feed. Helps hens through the molt and starts pullets laying early. Don't feed loafing hens this winter needlessly but just give DON SUNG a trial. Guaranteed.

TABLET FORM	POWDERED FORM
50s Size (This is the Trial Guaranteed Size).	3 lbs. \$ 5
\$1 Size (3 times 50c Size)	10 lbs. \$10
\$5 Size (6 times \$1 Size)	25 lbs. \$20
	50 lbs. \$35

AVICOL

The Wonder Remedy for White Diarrhea or Cholera in chicks, and Black-Head in Turkeys. Does work in 48 hours. For years, poultry raisers have saved their sick chicks by keeping Avicol in the drinking water. It is a bowel antiseptic which makes chickens healthy. Costs less than a cent a day for an ordinary flock. Guaranteed. Price 50c; Large Size (Almost 3 times as much) \$1.00.

GROUP-OVER

FOR COLDS IN POULTRY

Leading poultry raisers everywhere now use Group-Over, the over-night remedy. Use this famous remedy at the very first symptom of colds in your flock. It clears the air passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking water for flock prevention. Have a bottle ready to use when you need it. Price 50c; Large Size (3 times the 50c size) \$1.00.

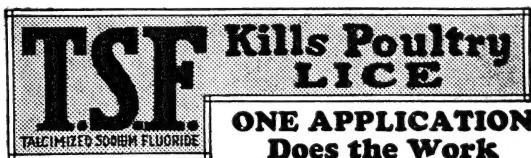
PAN-A-MIN

Dr. Hess Poultry Pan-A-Min is a product of high value to moulting hens, in egg production, in reducing chick mortality, in bone and feather growth and in maintaining health. A remedy known among poultry raisers for over 30 years. 1½-lb. pkg. 30c; 3 lbs. 55c; 7 lbs. \$1.15; 15 lbs. \$2.20; 25 lbs. \$3.30. Add Postage.

DR. HESS POULTRY WORM POWDER

One dose entirely effective against round worms given in mash. No fasting before or laxative after treatment. It is odorless and tasteless. No effect on feed consumption. Does not interfere with egg production.

1000 Bird size—2½ lbs.	\$5.40
500 Bird size—1¼ lbs.	3.00
250 Bird size—10 oz.	1.90
100 Bird size—4 oz. ....	.90
50 Bird size—2 oz. ....	.50



ONE APPLICATION
Does the Work

T. S. F. kills both old and young lice, including the lice that hatch from the eggs present at time of treatment. Easily given by pinch method, dip or dusting. Specially processed. Adheres to the plumage. Non-irritating. One application lasts an entire season. Packed in special shaker-top cans with Government's directions for using.

35c Size (enough for 50 birds): Twice the 35c Size, 60c; Five times the 60c Size (Economy Size), \$2.50.

INSTANT LOUSE KILLER

Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumbers, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in shaker top cans. 1-lb. pkg. 30c; 2½-lb. pkg. 65c.

GEO. H. LEE'S POULTRY REMEDIES

GERMOZONE—The regular use of Germozone in the drinking water of chicks and adult fowls prevents the spreading of disease and counteracts infection already existing. Liquid—4 oz. bottle 40c; 12 oz. bottle 75c; 32 oz. bottle \$1.50; ½ gal. bottle \$2.50; 1 gal. bottle \$4.50.

LEE'S LICE POWDER—Keeps the fowls free from lice and mites. 1-lb. can 25c; 2½ lb. can 50c.

LICE KILLER—The standard poultry house insecticide. 1 qt. 60c; ½ gal. 90c; 1 gal. \$1.50.

LEE'S PERCH PAINT—An exceptionally effective and easily applied solution for killing lice. Simply brush it on perches before the poultry goes to roost. ½ pt. 85c; 1 pt. \$1.50; 1 qt. \$2.50; ½ gal. \$4.00; 1 gal. \$7.00.

GIZZARD CAPSULES—Easily given and carries the strong medicines in their full strength direct to the gizzard.

Adult Size—50 capsules 75c; 100 capsules \$1.25.

Pullet Size—50 capsules 50c; 100 capsules \$1.00.

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LEE'S VAPO-SPRAY—An effective medicine for colds, coughs and pneumonia. Simply spray the air in the poultry house at night. 1 qt. 75c; ½ gal. \$1.25; 1 gal. can \$2.00.

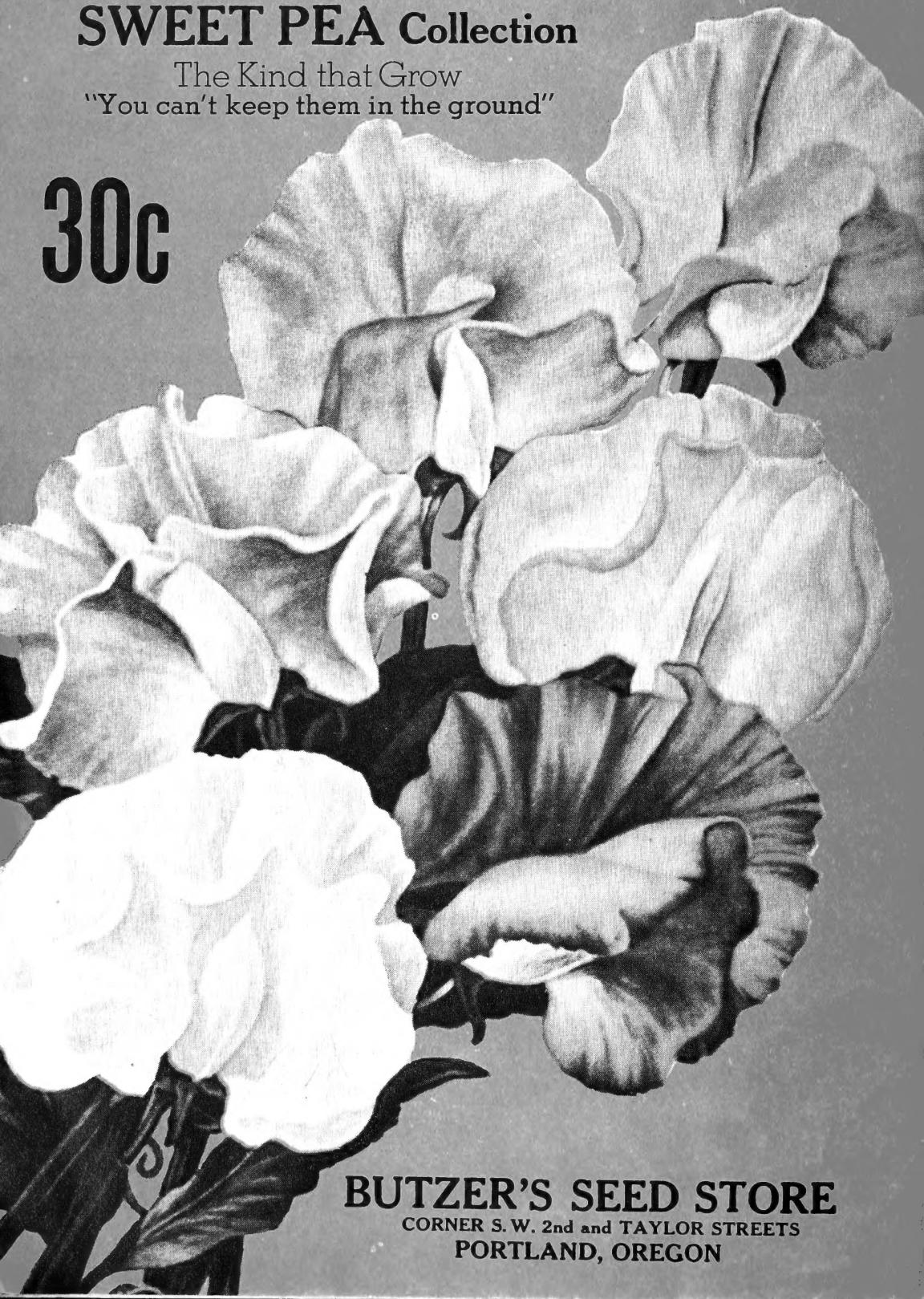
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